

The Complete Coloured Keyboard Guide to  
**Scales, Chords and Arpeggios**

*Cecily Parris*

# 彩色键盘图解

## 音阶·和弦·琶音

[澳] 塞西莉·帕里斯 著

解华佳 译



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Cecily Parris  
T.Mus.A

塞西莉·帕里斯出生于澳大利亚，自幼跟随优秀的钢琴和伴奏老师——已故的诺玛·威廉姆斯夫人学习钢琴和乐理。塞西莉曾在悉尼和墨尔本的音乐学院深造，并于1972年获得了澳大利亚最高的私人音乐教师资格证书——T.Mus.A证书。

在四十五年里，塞西莉一直致力于钢琴和乐理教学。除了教授大量私人学生外，她还在悉尼和墨尔本的许多学校任教。

2008年，塞西莉担任了国际知名的圣·塞西莉亚音乐课程的主考官。

塞西莉培养了许多优秀的学生，他们在各项考试及艺术节的比赛中成绩突出。她用独特的教学方法成功地帮助学生在开始练习技巧或演奏曲目之前先将音乐视觉化、具象化。

写这本书之前，塞西莉花了大量的时间为她的学生量身定做个性化的键盘图。她希望可以把这一想法变成一本书，不仅仅为自己的学生，更为世界各地的学生提供帮助。

Cecily Parris was born in Australia and was taught piano and theory by an outstanding teacher and accompanist, the late Mrs. Norma Williams. Cecily did her piano and theory examinations at the Sydney and Melbourne Conservatoriums and in 1972 gained the T.Mus.A. This is the highest available Australian Conservatorium Diploma for private music teachers.

Cecily has taught piano and theory of music for over forty-five years. She has been a music teacher in many schools and has had large private practices in both Sydney and Melbourne.

In 2008 Cecily was appointed as an examiner for the St Cecilia Music Syllabus which is now used internationally.

Many of Cecily's students have excelled in piano and theory of music examinations and in eisteddfod competitions. Cecily's method used to help students visualise what they play before they begin either their technical work or performances of their piano pieces has been very successful.

This book was written after Cecily had spent much time drawing up keyboards for her students for their individual needs. Cecily hoped that by turning this idea into a book for students throughout the world, she would be helping so many more people than just her own students.

# 前言

## Introduction

作为一名具有四十五年教学经验的钢琴老师,我深知教授音阶的困难。学生除了学习各种音阶的调号之外,还应该知道这些升降号都标记在什么位置。

本书旨在帮助学生正确地练琴,指导家长如何正确引导孩子,即使他们并没有受过专业的音乐训练。

多年来,我教导学生将音阶视觉化,将其分为黑键组和白键组。例如,当教到 E 大调时,我让学生将第一个 E 音后的两个黑键与高八度的最后一个 E 音之前的两个黑键挑出。同时,他们需要观察白键是在何时何处出现的。我建议所有不同程度的学生,在弹奏音阶之前先仔细观察键盘,熟记音阶或和弦的键位。这样,就有效避免了弹奏过程中的错误。

本书中,键盘以彩色的形式出现。每条音阶中,用到的白键被涂成彩色的,黑键则始终是黑色,以示区别。这将有助于学生记忆音阶或琶音组的键位,他们只需要注意那些黑色或彩色的琴键即可。

本书中,音阶的编写顺序是,大调音阶与其关系

As a piano teacher with teaching experience of over forty-five years, I know how difficult it can be to teach scales to students. A student may know the correct key signature of a scale but still not know where the sharps or flats occur in the scale.

This book is written to help the student practice correctly at home. It could also help parents to guide their children even if they are not musically trained themselves.

Over the years I have taught my students to visualise each scale with its pattern of black and white notes. For example when teaching a student E Major, I tell them to pick out with their eyes, the pattern of the two black notes after the first note E and the two black notes before the last E an octave higher. They need to observe where the white notes occur too. I advise all students of every grade level to have a look at the keyboard/piano to see the scales or chord pattern before they begin to play. This avoids mistakes and starting several times before playing the scale correctly.

In this book, the keyboards are coloured. The white scale notes needed for each scale are illustrated in different colours, but only the black notes needed in the scale are shown in black. This will help the student to notice the pattern of the scale or arpeggio as they only play the coloured and black notes shown.

For every Major scale written, the relative Harmonic

小调音阶为一组,安排在相邻页面。所有音阶都标注了音名和指法。如遇到等音音阶(如升C的等音为降D),会做出标示。

在反向音阶章节中,用箭头表明每只手弹奏时的走向。因为在基本音阶章节中已经使用过这种箭头,故而未作更多说明。

本书对半音阶进行了举例说明,并没有列出所有音上开始弹奏的音阶。分解和弦也只是举了一些例子。

所有的旋律小调音阶以单独的章节叙述。随后的章节对所有调的正三和弦(I级和弦、IV级和弦、V级和弦)进行了分析。

本书对基本琶音、属七和弦琶音原位及其转位做了详细的彩色键盘图解。每个音符都标注了指法。书中的RH表示右手,LH表示左手。

书中还列出了从每一个键上开始的减七和弦的琶音形式。

Minor scale is written on the opposite page. All scales have note names and fingering written. Where a scale has an enharmonic match (example  $C^\sharp$  is the same note or pitch as  $D^\flat$ ) the note pattern is identical for both. They can be thought in either their sharp or flat key signature.

Contrary motion scales are illustrated with arrows to show the direction for each hand but they are illustrated without notation as they have already been written out in the scale chapter.

Chromatic scales examples are shown but not written from every note. Broken chords are shown with some samples.

All Melodic Minor scales are included in a separate chapter. There is a chapter on Primary Triads, (Chords I, IV and V) in every key.

Basic arpeggios in root position with their inversions are also written with keyboard colouring and this section is followed by the Dominant 7<sup>th</sup> arpeggios in root position and their inversions. All fingering is written above or below the notes. RH = for the Right Hand, LH = for the Left Hand.

The Diminished 7<sup>th</sup> arpeggios are explained and demonstrated and written from every black and white note.

塞西莉·帕里斯

Cecily Parris

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# 第一章 大调及其关系和声小调音阶

## CHAPTER 1 Scales in Sharp and Flat Series and Relative Harmonic Minors

### 升号调

#### Scales in Sharp Series

大调	升号标记音	关系和声小调	升Ⅶ级音
Majors	Key Signatures	Relative Harmonic Minors	Raised 7ths for Minor Scales
<b>C</b>	-	<b>A</b>	<b>G#</b>
<b>G</b>	<b>F#</b>	<b>E</b>	<b>D#</b>
<b>D</b>	<b>F# C#</b>	<b>B</b>	<b>A#</b>
<b>A</b>	<b>F# C# G#</b>	<b>F#</b>	<b>E#</b>
<b>E</b>	<b>F# C# G# D#</b>	<b>C#</b>	<b>B#</b>
<b>B</b>	<b>F# C# G# D# A#</b>	<b>G#</b>	<b>F×</b>
<b>F#</b>	<b>F# C# G# D# A# E#</b>	<b>D#</b>	<b>C×</b>
<b>C#</b>	<b>F# C# G# D# A# E# B#</b>	<b>A#</b>	<b>G×</b>

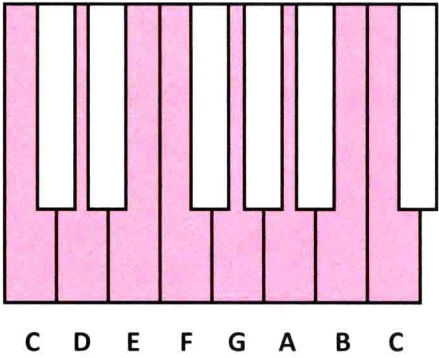
### 降号调

#### Scales in Flat Series

大调	降号标记音	关系和声小调	升Ⅶ级音
Majors	Key Signatures	Relative Harmonic Minors	Raised 7ths for Minor Scales
<b>F</b>	<b>Bb</b>	<b>D</b>	<b>C#</b>
<b>Bb</b>	<b>Bb Eb</b>	<b>G</b>	<b>F#</b>
<b>Eb</b>	<b>Bb Eb Ab</b>	<b>C</b>	<b>B#</b>
<b>Ab</b>	<b>Bb Eb Ab Db</b>	<b>F</b>	<b>E#</b>
<b>Db ( =C# )</b>	<b>Bb Eb Ab Db Gb</b>	<b>Bb ( =A# )</b>	<b>A#</b>
<b>Gb ( =F# )</b>	<b>Bb Eb Ab Db Gb Cb</b>	<b>Eb ( =D# )</b>	<b>D#</b>
<b>Cb ( =B )</b>	<b>Bb Eb Ab Db Gb Cb Fb</b>	<b>Ab ( =G# )</b>	<b>G#</b>



C 大调音阶



Scale of C Major

RH=右手

RH=Right Hand

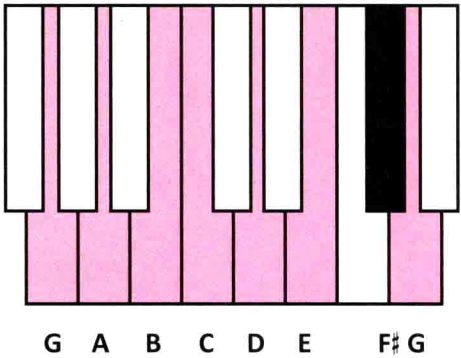
RH 1 2 3 1 2 3 4 5 4 3 2 1 3 2 1

LH 5 4 3 2 1 3 2 1 2 3 1 2 3 4 5

LH=左手

LH=Left Hand

G 大调音阶



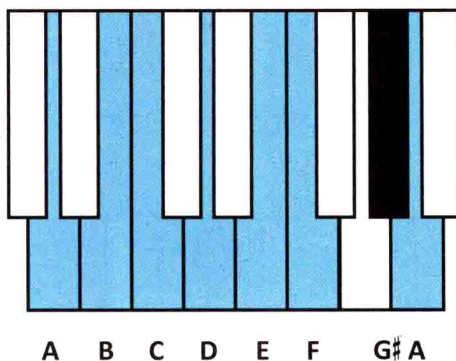
Scale of G Major

RH 1 2 3 1 2 3 4 5 4 3 2 1 3 2 1

LH 5 4 3 2 1 3 2 1 2 3 1 2 3 4 5

## A和声小调音阶

C大调的关系小调  
(同一调号)



## Scale of A Harmonic Minor

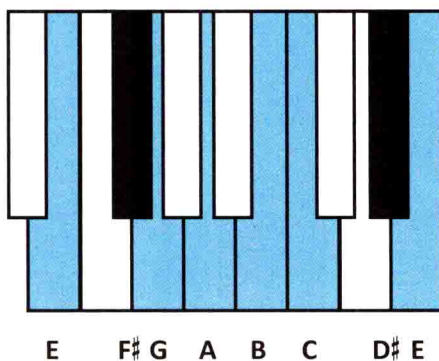
Related to C Major  
(Same key signature)

RH 1 2 3 1 2 3 4 5 4 3 2 1 3 2 1

LH 5 4 3 2 1 3 2 1 2 3 1 2 3 4 5

## E和声小调音阶

G大调的关系小调  
(同一调号)



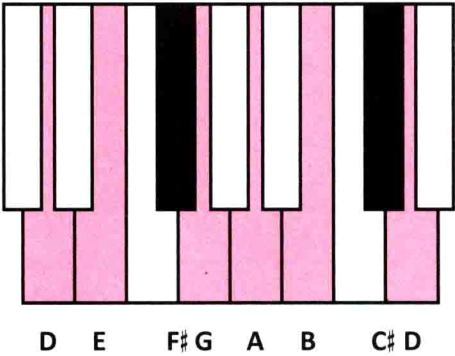
## Scale of E Harmonic Minor

Related to G Major  
(Same key signature)

RH 1 2 3 1 2 3 4 5 4 3 2 1 3 2 1

LH 5 4 3 2 1 3 2 1 2 3 1 2 3 4 5

D 大调音阶

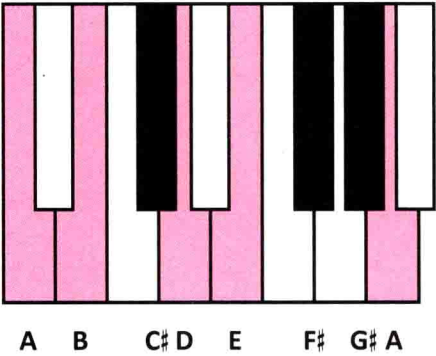


Scale of D Major

RH 1 2 3 1 2 3 4 5 4 3 2 1 3 2 1

LH 5 4 3 2 1 3 2 1 2 3 1 2 3 4 5

A 大调音阶

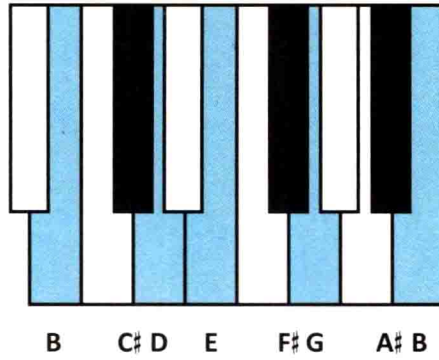


Scale of A Major

RH 1 2 3 1 2 3 4 5 4 3 2 1 3 2 1

LH 5 4 3 2 1 3 2 1 2 3 1 2 3 4 5

**B和声小调音阶**  
D大调的关系小调

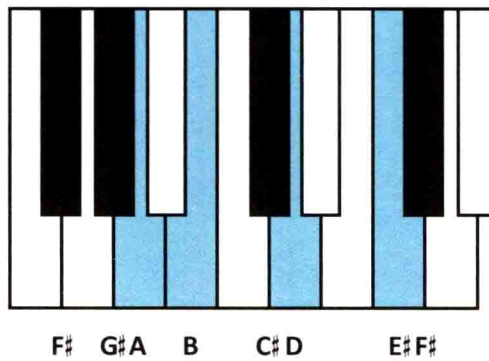


**Scale of B Harmonic Minor**  
Related to D Major

RH 1 2 3 1 2 3 4 5 4 3 2 1 3 2 1

LH 4 3 2 1 4 3 2 1 2 3 4 1 2 3 4

**升F和声小调音阶**  
A大调的关系小调



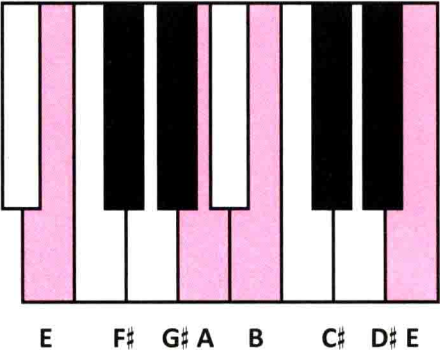
**Scale of F Sharp Harmonic Minor**  
Related to A Major

RH 2 3 1 2 3 1 2 3 2 1 3 2 1 3 2

LH 4 3 2 1 3 2 1 2 1 2 3 1 2 3 4



E 大调音阶

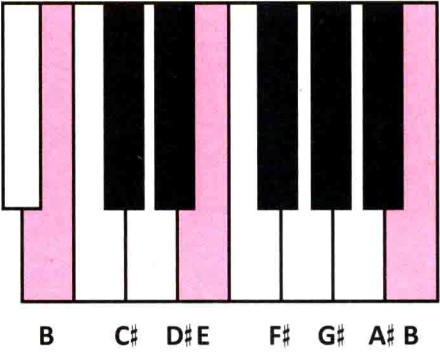


Scale of E Major

RH 1 2 3 1 2 3 4 5 4 3 2 1 3 2 1

LH 5 4 3 2 1 3 2 1 2 3 1 2 3 4 5

B 大调音阶



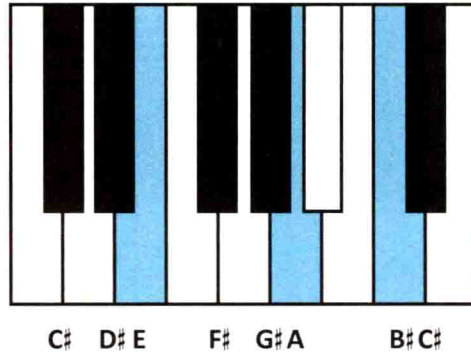
Scale of B Major

RH 1 2 3 1 2 3 4 5 4 3 2 1 3 2 1

LH 4 3 2 1 4 3 2 1 2 3 4 1 2 3 4

## 升C和声小调音阶

E大调的关系小调



## Scale of C Sharp Harmonic Minor

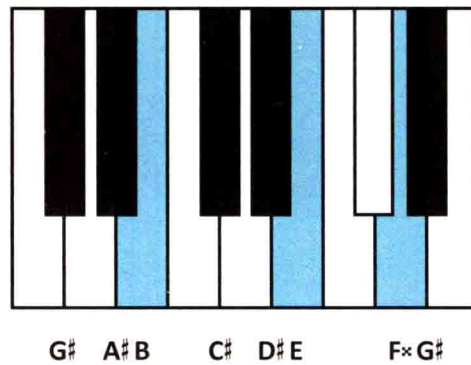
Related to E Major

RH 2 3 1 2 3 1 2 3 2 1 3 2 1 3 2

LH 3 2 1 4 3 2 1 2 1 2 3 4 1 2 3

## 升G和声小调音阶

B大调的关系小调



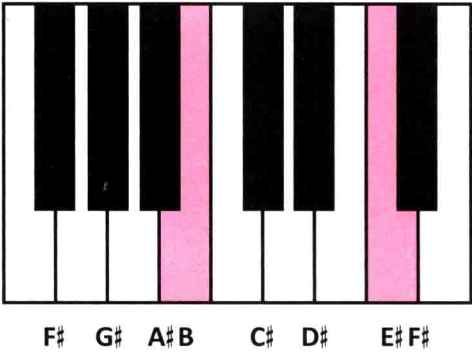
## Scale of G Sharp Harmonic Minor

Related to B Major

RH 2 3 1 2 3 1 2 3 2 1 3 2 1 3 2

LH 3 2 1 4 3 2 1 2 1 2 3 4 1 2 3

升F大调音阶  
( 升F大调=降G大调 )

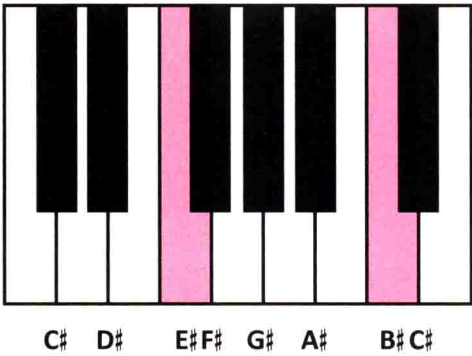


Scale of F Sharp Major  
(Enharmonic of G Flat Major)

RH 2 3 4 1 2 3 1 2 1 3 2 1 4 3 2

LH 4 3 2 1 3 2 1 2 1 2 3 1 2 3 4

升C大调音阶  
( 升C大调=降D大调 )



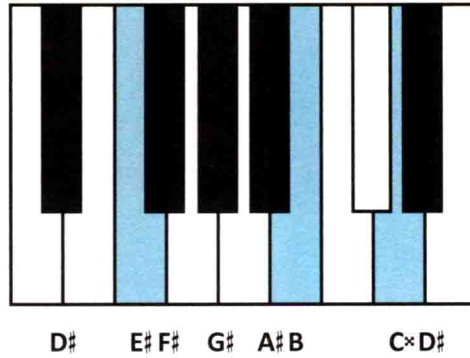
Scale of C Sharp Major  
(Enharmonic of D Flat Major)

RH 2 3 1 2 3 4 1 2 1 4 3 2 1 3 2

LH 3 2 1 4 3 2 1 2 1 2 3 4 1 2 3

### 升D和声小调音阶

(升D和声小调=降E和声小调)  
升F大调的关系小调



### Scale of D Sharp Harmonic Minor

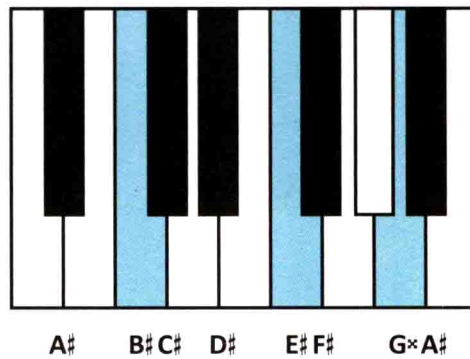
(Enharmonic of E Flat Minors)  
Related to F Sharp Major

RH 2 1 2 3 4 1 2 3 2 1 4 3 2 1 2

LH 2 1 4 3 2 1 3 2 3 1 2 3 4 1 2

### 升A和声小调音阶

(升A和声小调=降B和声小调)  
升C大调的关系小调



### Scale of A Sharp Harmonic Minor

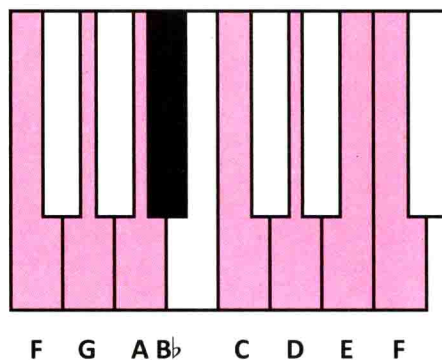
(Enharmonic of B Flat Minors)  
Related to C Sharp Major

RH 2 1 2 3 1 2 3 4 3 2 1 3 2 1 2

LH 2 1 3 2 1 4 3 2 3 4 1 2 3 1 2



# F 大调音阶

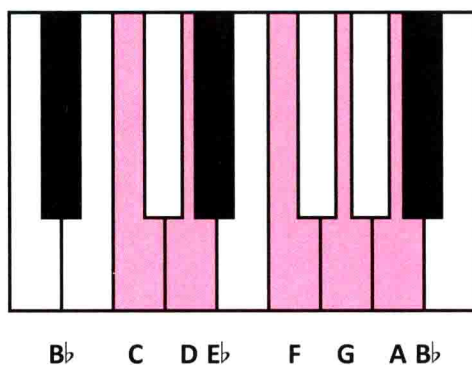


# Scale of F Major

RH 1 2 3 4 1 2 3 4 3 2 1 4 3 2 1

LH 5 4 3 2 1 3 2 1 2 3 1 2 3 4 5

# 降B大调音阶



# Scale of B Flat Major

RH 2 1 2 3 1 2 3 4 3 2 1 3 2 1 2

LH 3 2 1 4 3 2 1 2 1 2 3 4 1 2 3