

Converting Colors

CIELCh(83, 17.724, 7.150)

Have a look what the booklet for
CIELCh(83, 17.724, 7.150) contains.

CIELCh(83, 17.724, 7.150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 17.724, 7.150)

Conversions

Conversions Part 1

Format	Color
Hex	F1C3CB
RGB	241, 195, 203
RGB Percent	95%, 76%, 80%
CMY	0.0542, 0.2346, 0.2032
CMYK	0.00, 0.19, 0.16, 0.05
HSL	350°, 62%, 86%
HSV	350°, 19%, 95%
XYZ	66.6941, 62.1629, 65.0943
YIQ	209.6660, 24.8480, 12.2400

Conversions

Conversions Part 2

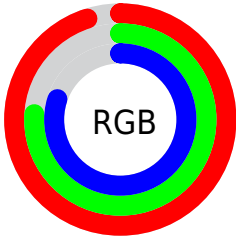
Format	Color
R _Y B	241, 195, 203
Decimal	15844299
CIE Lab	83.00, 17.59, 2.21
CIE LCh	83, 17.724, 7.150
Yxy	62.1629, 0.3439, 0.3205
Android (android.graphics.Color)	4294034379 (0xFFFF1C3CB)
YUV	209.6660, -3.2863, 27.4799
Hunter-Lab	78.8435, 13.0180, 6.2398

Details

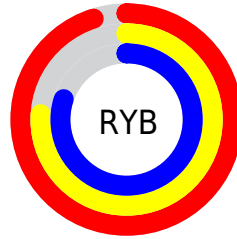
The CIELCh color **83, 17.724, 7.150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 16.301, 183.605**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **63, 17.654, 6.711** is the 20% darker color. If you saturate the color by 10%, you get **77, 27.702, 8.472**, and if you desaturate by 10%, it is **89, 8.201, 6.034**.

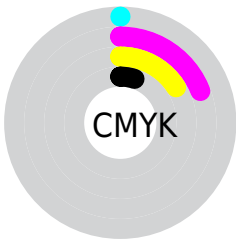
Distribution



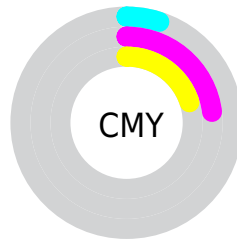
- Red (95%)
- Green (76%)
- Blue (80%)



- Red (95%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (5%)

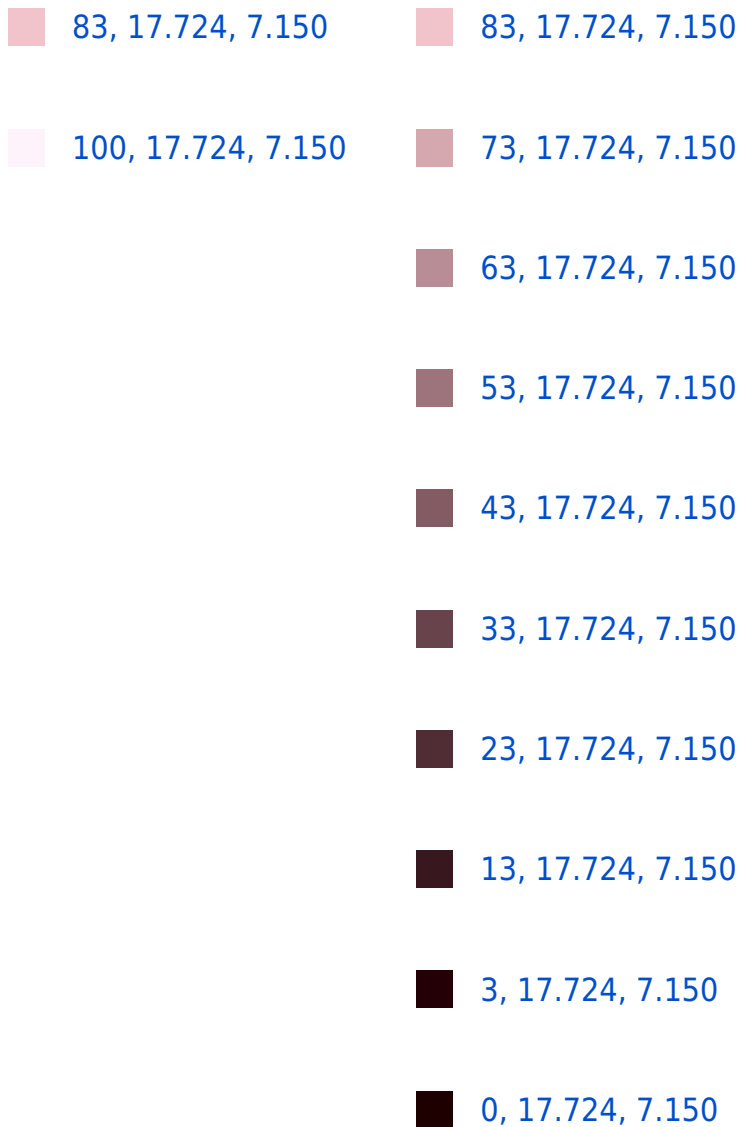


- Cyan (5%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 17.724, 7.150 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 83, 17.724, 7.150 by changing the saturation by 10% instead.



83, 17.724, 7.150

83, 17.724, 7.150

77, 27.702, 8.472

89, 8.201, 6.034

71, 38.019, 10.078

96, 0.809, 185.929

66, 48.451, 12.081

99, 4.760, 199.243

61, 58.670, 14.614

57, 68.282, 17.829

54, 76.932, 21.853

52, 84.444, 26.667

51, 90.905, 31.854

51, 91.490, 32.295

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83, 17.724, 7.150



92, 16.301, 183.605

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 17.724, 7.150



83, 17.724, 57.150



83, 17.724, 187.150



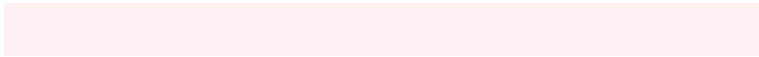
83, 17.724, 237.150

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83, 17.722, 7.156



96, 5.625, 5.701



83, 27.690, 320.163



51, 3.738, 5.774



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 17.722, 7.156



85, 22.591, 7.652



86, 14.230, 52.247



47, 5.115, 6.077



38, 73.860, 31.324



8, 29.081, 16.691

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83, 17.722, 7.156



85, 22.591, 7.652



88, 12.799, 235.449



47, 5.115, 6.077



38, 73.860, 31.324



8, 29.081, 16.691

Previews

White Background



This preview shows how the CIELCh color 83, 17.724, 7.150 looks on a white background.

Color Contrast Check

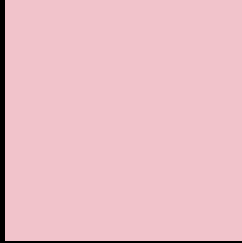
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 83, 17.724, 7.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

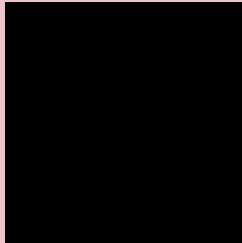
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 17.724, 7.150

Background



This preview shows how black text looks on a background with the CIELCh color 83, 17.724, 7.150.



This preview shows how white text looks on a background with the CIELCh color 83, 17.724, 7.150.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
83, 19.439, 357.112

Trichromacy



Original Color
83, 17.724, 7.150

Protanomaly
83, 7.481, 359.311

Deuteranomaly
83, 13.252, 11.311

Tritanomaly
83, 19.097, 0.047

Monochromacy



Original Color
83, 17.724, 7.150

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 6.091, 4.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 17.724, 7.150 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(241, 195, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 195, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 17.724, 7.150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 195, 203) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(241, 195, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(241, 195, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(241, 195,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 17.724, 7.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 195, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
195, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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