

Converting Colors

CIELCh(80, 4.508, 5.860)

Have a look what the booklet for
CIELCh(80, 4.508, 5.860) contains.

CIELCh(80, 4.209, 4.998)	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(80, 4.209, 4.998)

Conversions

Conversions Part 1

Format	Color
Hex	CFC4C6
RGB	207, 196, 198
RGB Percent	81%, 77%, 78%
CMY	0.1891, 0.2322, 0.2244
CMYK	0.00, 0.05, 0.04, 0.19
HSL	349°, 10%, 79%
HSV	349°, 5%, 81%
XYZ	55.5282, 56.6813, 61.3070
YIQ	199.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

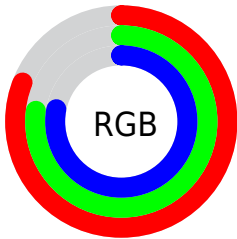
Format	Color
R_{YB}	207, 196, 198
Decimal	13616326
CIE Lab	80.00, 4.19, 0.37
CIE LCh	80, 4.209, 4.998
Yxy	56.6813, 0.3200, 0.3267
Android (android.graphics.Color)	4291806406 (0xFFCFC4C6)
YUV	199.5170, -0.7479, 6.5626
Hunter-Lab	75.2870, -0.0988, 4.4204

Details

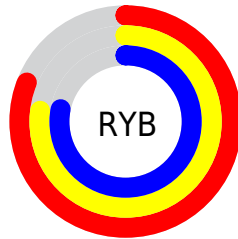
The CIELCh color **80, 4.209, 4.998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 4.112, 184.334**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **60, 4.472, 5.191** is the 20% darker color. If you saturate the color by 10%, you get **74, 12.454, 6.110**, and if you desaturate by 10%, it is **86, 3.594, 184.430**.

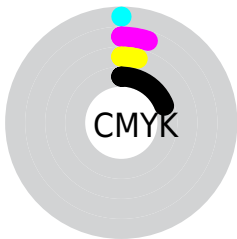
Distribution



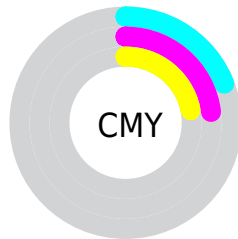
- Red (81%)
- Green (77%)
- Blue (78%)



- Red (81%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 4.209, 4.998 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 80, 4.209, 4.998 by changing the saturation by 10% instead.

80, 4.209, 4.998

80, 4.209, 4.998

100, 4.209, 4.998

70, 4.209, 4.998

60, 4.209, 4.998

50, 4.209, 4.998

40, 4.209, 4.998

30, 4.209, 4.998

20, 4.209, 4.998

10, 4.209, 4.998

0, 4.209, 4.998

80, 4.209, 4.998

80, 4.209, 4.998

74, 12.454, 6.110

86, 3.594, 184.430

69, 21.118, 7.329

92, 10.954,
183.585

64, 30.117, 8.794

97, 16.611,
186.880

59, 39.293, 10.601

54, 48.395, 12.867

97, 16.009,
198.441

50, 57.094, 15.738

47, 65.049, 19.357

45, 72.030, 23.798

44, 78.006, 28.909

Harmonies

Complementary

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



80, 4.209, 4.998



82, 4.112, 184.334

Rectangle

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



80, 4.209, 4.998



80, 4.209, 54.998



80, 4.209, 184.998



80, 4.209, 234.998

Sweetspot

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



80, 4.207, 5.018



99, 1.861, 4.513



80, 6.740, 319.511



53, 1.058, 4.487



0, 0.000, 0.000



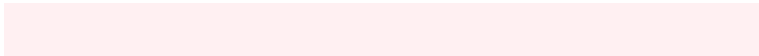
53, 0.007, 296.813

Same Dimension

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



80, 4.207, 5.018



96, 5.639, 5.104



81, 3.324, 53.089



42, 3.182, 5.162



35, 68.655, 30.400



4, 20.175, 11.051

Inverse Universe

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



80, 4.207, 5.018



96, 5.639, 5.104



81, 3.242, 234.196



42, 3.182, 5.162



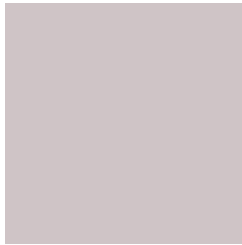
35, 68.655, 30.400



4, 20.175, 11.051

Previews

White Background



This preview shows how the CIELCh color 80, 4.209, 4.998 looks on a white background.

Color Contrast Check

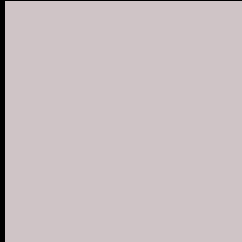
Large Text (above 18pt) WCAG AA × Fail

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 80, 4.209, 4.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

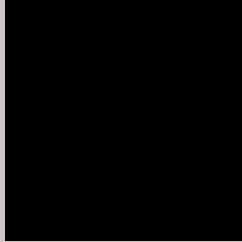
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

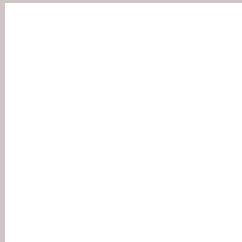
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 4.209, 4.998

Background



This preview shows how black text looks on a background with the CIELCh color 80, 4.209, 4.998.

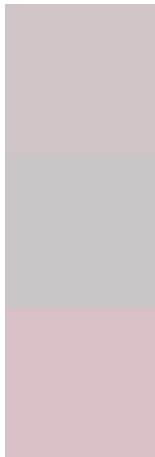


This preview shows how white text looks on a background with the CIELCh color 80, 4.209, 4.998.

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



Original Color

80, 4.209, 4.998

Protanopia

80, 2.136, 349.423

Deuteranopia

80, 10.017, 358.427



Tritanopia
80, 9.515, 322.977

Trichromacy



Original Color

80, 4.209, 4.998

Protanomaly

80, 2.798, 357.098

Deuteranomaly

80, 8.083, 356.791

Tritanomaly

80, 7.169, 331.978

Monochromacy



Original Color

80, 4.209, 4.998

Achromatopsia

80, 0.010, 296.813

Achromatomaly

80, 1.570, 359.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 4.209, 4.998 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(207, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 198)  
}
```

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(207, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 4.209, 4.998 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(207, 196, 198) }
```

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

```
.border{ border-color:rgb(207, 196, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 4.209, 4.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 198) }
```

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

```
.background{ background-color: rgb(207,  
196, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor