

Converting Colors

CIELCh(80, 11.562, 315.961)

Have a look what the booklet for
CIELCh(80, 11.562, 315.961)
contains.

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Color

CIELCh(80, 11.209, 315.586)

Conversions

Conversions Part 1

Format	Color
Hex	CFC2D5
RGB	207, 194, 213
RGB Percent	81%, 76%, 84%
CMY	0.1881, 0.2390, 0.1645
CMYK	0.03, 0.09, 0.00, 0.16
HSL	281°, 18%, 80%
HSV	281°, 9%, 84%
XYZ	57.0620, 56.6813, 70.9136
YIQ	200.0530, 1.6490, 8.6650

Conversions

Conversions Part 2

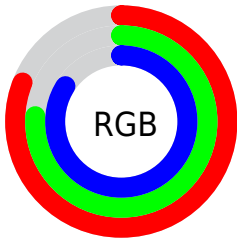
Format	Color
R_{YB}	207, 194, 213
Decimal	13615829
CIE _{Lab}	80.00, 8.01, -7.84
CIE _{LCh}	80, 11.209, 315.586
Yxy	56.6813, 0.3090, 0.3070
Android (android.graphics.Color)	4291805909 (0xFFCFC2D5)
YUV	200.0530, 6.3829, 6.0925
Hunter-Lab	75.2870, 3.5378, -3.1450

Details

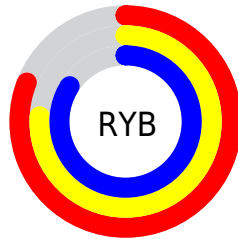
The CIELCh color **80, 11.209, 315.586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 11.115, 134.868**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **60, 11.362, 316.890** is the 20% darker color. If you saturate the color by 10%, you get **74, 24.017, 316.025**, and if you desaturate by 10%, it is **86, 1.334, 135.326**.

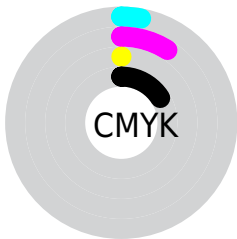
Distribution



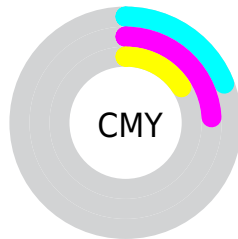
- Red (81%)
- Green (76%)
- Blue (84%)



- Red (81%)
- Yellow (76%)
- Blue (84%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)





- Cyan (19%)
- Magenta (24%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 11.209, 315.586 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, 11.209, 315.586 by changing the saturation by 10% instead.


 80, 11.209,
315.586


 80, 11.209,
315.586


 100, 11.209,
315.586


 70, 11.209,
315.586


 60, 11.209,
315.586

 50, 11.209,
315.586

 40, 11.209,
315.586

 30, 11.209,
315.586

 20, 11.209,
315.586

 10, 11.209,

315.586

0, 11.209, 315.586

80, 11.209,
315.586

80, 11.209,
315.586

74, 24.017,
316.025

86, 1.334, 135.326

68, 36.999,
316.467

92, 13.551,
134.816

63, 49.984,
316.896

97, 23.642,
133.792

57, 62.703,
317.284

98, 22.665,
128.376

53, 74.752,
317.591

98, 21.910,
122.443

99, 21.414,

■ 48, 85.576,
317.763

116.079

■ 44, 94.501,
317.734

■ 99, 21.204,
109.427

■ 42, 100.880,
317.434

■ 99, 21.199,
108.572

■ 40, 104.581,
316.843

Harmonies

Complementary

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



80, 11.209, 315.586



84, 11.115, 134.868

Rectangle

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



80, 11.209, 315.586



80, 11.209, 5.586



80, 11.209, 135.586



80, 11.209, 185.586

Sweetspot

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



80, 11.207, 315.584



98, 4.339, 315.306



81, 7.188, 273.616



52, 3.291, 315.350



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, 11.207, 315.584



92, 16.033, 315.681



80, 10.808, 330.469



42, 7.168, 315.607



31, 88.936, 316.925



4, 30.507, 316.083

Inverse Universe

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



80, 7.732, 355.650



93, 11.083, 355.886



84, 10.776, 149.411



42, 4.948, 355.705



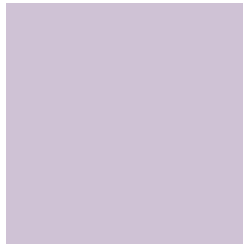
36, 64.376, 19.307



5, 22.331, 5.415

Previews

White Background



This preview shows how the CIELCh color 80, 11.209, 315.586 looks on a white background.

Color Contrast Check

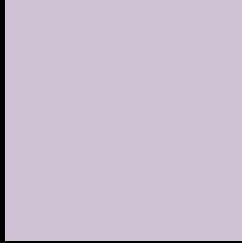
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 11.209, 315.586 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

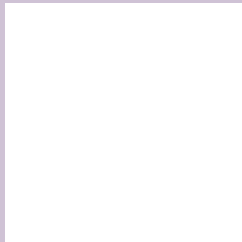
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 11.209, 315.586

Background



This preview shows how black text looks on a background with the CIELCh color 80, 11.209, 315.586.



This preview shows how white text looks on a background with the CIELCh color 80, 11.209, 315.586.

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, 11.209, 315.586

Protanopia

80, 9.599, 291.039

Deuteranopia

80, 12.535, 322.150



Tritanopia
80, 9.139, 319.102

Trichromacy



Original Color
80, 11.209, 315.586

Protanomaly
80, 9.792, 301.476

Deuteranomaly
80, 12.352, 320.698

Tritanomaly
80, 9.609, 317.595

Monochromacy



Original Color
80, 11.209, 315.586

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 4.171, 316.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 11.209, 315.586 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, 194, 213)` looks like.

```
.text, #text, p{  
    color:rgb(207, 194, 213)  
}
```

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, 194, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 194, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 11.209, 315.586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

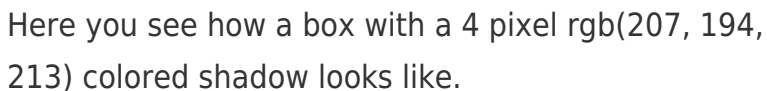
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 194, 213) }
```

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

```
.border{ border-color:rgb(207, 194, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 194, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 194, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 194, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 194,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 11.209, 315.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 194, 213) }
```

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

```
.background{ background-color: rgb(207,  
194, 213) }
```

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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