

Converting Colors

CIELCh(80, 9.027, 286.624)

Have a look what the booklet for
CIELCh(80, 9.027, 286.624) contains.

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Color

CIELCh(80, 9.067, 288.763)

Conversions

Conversions Part 1

Format	Color
Hex	C4C5D6
RGB	196, 197, 214
RGB Percent	77%, 77%, 84%
CMY	0.2304, 0.2265, 0.1598
CMYK	0.08, 0.08, 0.00, 0.16
HSL	237°, 18%, 80%
HSV	237°, 8%, 84%
XYZ	55.0210, 56.6813, 71.8264
YIQ	198.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

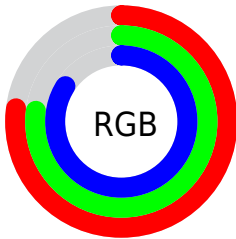
Format	Color
R _Y B	196, 197, 214
Decimal	12895702
CIE Lab	80.00, 2.92, -8.59
CIE LCh	80, 9.067, 288.763
Yxy	56.6813, 0.2998, 0.3088
Android (android.graphics.Color)	4291085782 (0xFFC4C5D6)
YUV	198.6390, 7.5730, -2.3144
Hunter-Lab	75.2870, -1.3013, -3.8639

Details

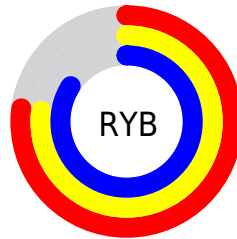
The CIELCh color $80, 9.067, 288.763$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 8.904, 107.003$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.620, 256.225$, and $60, 9.052, 288.857$ is the 20% darker color. If you saturate the color by 10%, you get $73, 20.227, 289.983$, and if you desaturate by 10%, it is $87, 1.680, 107.643$.

Distribution



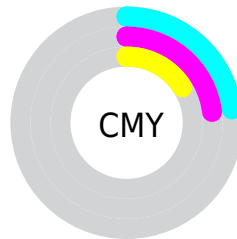
- Red (77%)
- Green (77%)
- Blue (84%)



- Red (77%)
- Yellow (77%)
- Blue (84%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 9.067, 288.763 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, 9.067, 288.763 by changing the saturation by 10% instead.

■ 80, 9.067, 288.763

■ 80, 9.067, 288.763

■ 100, 9.067,
288.763

■ 70, 9.067, 288.763

■ 60, 9.067, 288.763

■ 50, 9.067, 288.763

■ 40, 9.067, 288.763

■ 30, 9.067, 288.763

■ 20, 9.067, 288.763

■ 10, 9.067, 288.763

■ 0, 9.067, 288.763

■ 80, 9.067, 288.763

■ 80, 9.067, 288.763

73, 20.227,
289.983

87, 1.680, 107.643

66, 31.841,
291.432

94, 12.039,
106.796

59, 43.942,
293.129

99, 20.593,
108.619

53, 56.541,
295.093

46, 69.583,
297.310

40, 82.821,
299.701

34, 95.600,
302.081

30, 106.620,
304.157

27, 114.158,

Harmonies

Complementary

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



80, 9.067, 288.763



85, 8.904, 107.003

Rectangle

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



80, 9.067, 288.763



80, 9.067, 338.763



80, 9.067, 108.763



80, 9.067, 158.763

Sweetspot

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



80, 9.065, 288.756



98, 3.698, 288.190



84, 6.423, 193.371



52, 2.805, 288.269



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, 9.065, 288.756



92, 12.463, 288.950



80, 10.030, 307.100



41, 6.133, 288.871



21, 96.520, 305.553



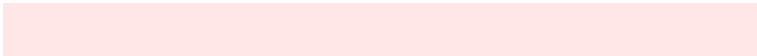
2, 26.507, 292.791

Inverse Universe

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



81, 6.721, 15.329



93, 9.269, 15.485



85, 9.889, 126.322



42, 4.556, 15.423



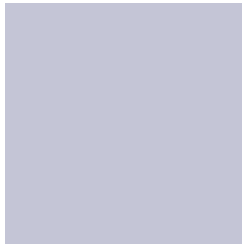
35, 75.049, 37.609



5, 21.967, 17.283

Previews

White Background



This preview shows how the CIELCh color 80, 9.067, 288.763 looks on a white background.

Color Contrast Check

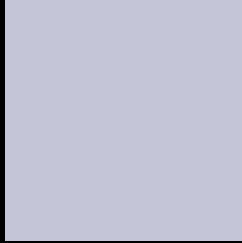
Large Text (above 18pt) WCAG AA × Fail

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, 9.067, 288.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

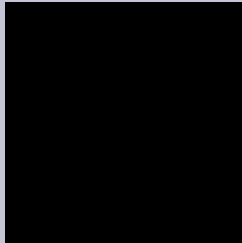
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

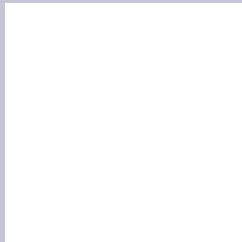
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 9.067, 288.763

Background



This preview shows how black text looks on a background with the CIELCh color 80, 9.067, 288.763.

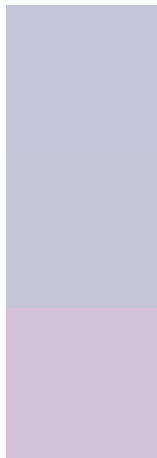


This preview shows how white text looks on a background with the CIELCh color 80, 9.067, 288.763.

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

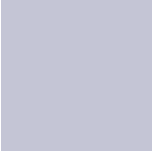
80, 9.067, 288.763

Protanopia

80, 9.066, 290.993

Deuteranopia

80, 13.281, 318.416



Tritanopia
80, 8.535, 288.572

Trichromacy



Original Color
80, 9.067, 288.763

Protanomaly
80, 9.066, 290.993

Deuteranomaly
80, 11.294, 309.473

Tritanomaly
80, 8.535, 288.572

Monochromacy



Original Color
80, 9.067, 288.763

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.735, 290.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 9.067, 288.763 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(196, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 214)  
}
```

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(196, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 9.067, 288.763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

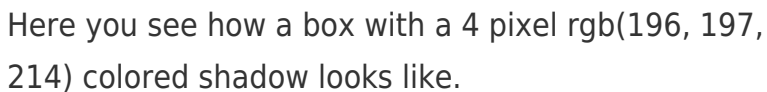
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 197, 214) }
```

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

```
.border{ border-color:rgb(196, 197, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 9.067, 288.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 214) }
```

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

```
.background{ background-color: rgb(196,  
197, 214) }
```

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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