

Converting Colors

CIELCh(80, 4.637, 32.663)

Have a look what the booklet for
CIELCh(80, 4.637, 32.663) contains.

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Color

CIELCh(80, 4.585, 32.994)

Conversions

Conversions Part 1

Format	Color
Hex	D0C4C2
RGB	208, 196, 194
RGB Percent	82%, 77%, 76%
CMY	0.1849, 0.2320, 0.2398
CMYK	0.00, 0.06, 0.07, 0.18
HSL	9°, 13%, 79%
HSV	9°, 7%, 82%
XYZ	55.3899, 56.6813, 58.9653
YIQ	199.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

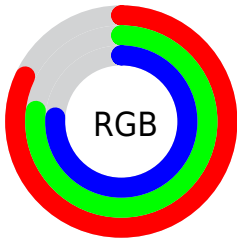
Format	Color
R _Y B	208, 196, 194
Decimal	13681858
CIE Lab	80.00, 3.85, 2.50
CIE LCh	80, 4.585, 32.994
Yxy	56.6813, 0.3238, 0.3314
Android (android.graphics.Color)	4291871938 (0xFFD0C4C2)
YUV	199.3600, -2.6425, 7.5773
Hunter-Lab	75.2870, -0.4268, 6.2645

Details

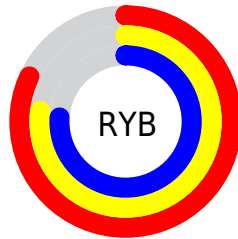
The CIELCh color **80, 4.585, 32.994** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 4.394, 213.233**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.661, 84.963**, and **60, 4.891, 33.048** is the 20% darker color. If you saturate the color by 10%, you get **75, 11.873, 33.253**, and if you desaturate by 10%, it is **85, 2.136, 213.369**.

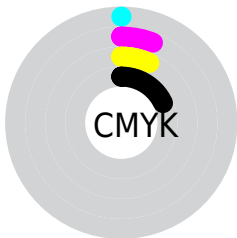
Distribution



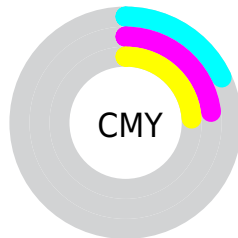
- Red (82%)
- Green (77%)
- Blue (76%)



- Red (82%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 4.585, 32.994 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, 4.585, 32.994 by changing the saturation by 10% instead.

80, 4.585, 32.994

80, 4.585, 32.994

100, 4.585, 32.994

70, 4.585, 32.994

60, 4.585, 32.994

50, 4.585, 32.994

40, 4.585, 32.994

30, 4.585, 32.994

20, 4.585, 32.994

10, 4.585, 32.994

0, 4.585, 32.994

80, 4.585, 32.994

80, 4.585, 32.994

75, 11.873, 33.253

85, 2.136, 213.369

70, 19.778, 33.575

90, 8.341, 213.212

65, 28.327, 34.080

95, 13.996,
210.790

61, 37.512, 34.825

97, 15.678,
198.463

57, 47.269, 35.862

53, 57.439, 37.219

50, 67.696, 38.844

47, 77.342, 40.477

45, 84.931, 41.468

Harmonies

Complementary

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



80, 4.585, 32.994



82, 4.394, 213.233

Rectangle

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



80, 4.585, 32.994



80, 4.585, 82.994



80, 4.585, 212.994



80, 4.585, 262.994

Sweetspot

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



80, 4.584, 33.021



99, 1.575, 32.692



80, 8.276, 328.666



53, 0.895, 32.669



0, 0.000, 0.000



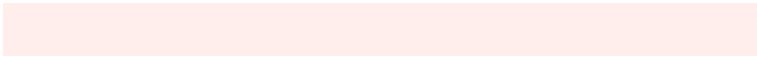
53, 0.007, 296.813

Same Dimension

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



80, 4.584, 33.021



95, 6.464, 33.057



82, 5.042, 87.474



41, 3.924, 33.087



36, 74.082, 42.106



5, 18.359, 27.029

Inverse Universe

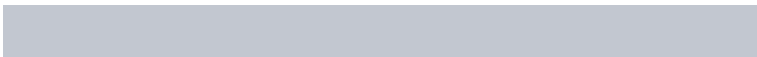
The Inverse Universe completely reimagines the original color for something new.



82, 4.394, 213.233



98, 6.139, 213.218



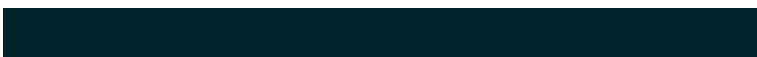
80, 5.037, 269.292



43, 3.694, 213.211



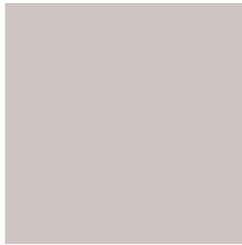
55, 31.986, 222.969



12, 12.380, 217.166

Previews

White Background



This preview shows how the CIELCh color 80, 4.585, 32.994 looks on a white background.

Color Contrast Check

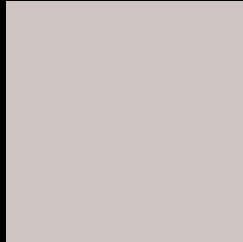
Large Text (above 18pt) WCAG AA × Fail

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, 4.585, 32.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

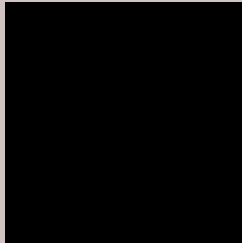
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

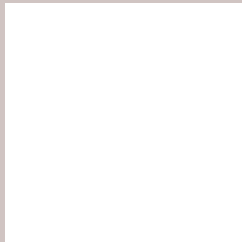
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 4.585, 32.994

Background



This preview shows how black text looks on a background with the CIELCh color 80, 4.585, 32.994.



This preview shows how white text looks on a background with the CIELCh color 80, 4.585, 32.994.

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, 4.585, 32.994

Protanopia

80, 2.449, 45.028

Deuteranopia

80, 10.247, 11.275



Tritanopia
80, 9.924, 326.565

Trichromacy



Original Color
80, 4.585, 32.994

Protanomaly
80, 3.139, 39.203

Deuteranomaly
80, 8.295, 12.670

Tritanomaly
80, 6.699, 340.450

Monochromacy



Original Color
80, 4.585, 32.994

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.558, 39.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 4.585, 32.994 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(208, 196, 194)` looks like.

```
.text, #text, p{  
    color:rgb(208, 196, 194)  
}
```

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(208, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 196, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 4.585, 32.994 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(208, 196, 194) }
```

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

```
.border{ border-color:rgb(208, 196, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 196, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(208, 196,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 4.585, 32.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 196, 194) }
```

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

```
.background{ background-color: rgb(208,  
196, 194) }
```

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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