

Converting Colors

CIELCh(80, 8.479, 68.337)

Have a look what the booklet for
CIELCh(80, 8.479, 68.337) contains.

CIELCh(80, 8.545, 67.681)	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, 8.545, 67.681)

Conversions

Conversions Part 1

Format	Color
Hex	D3C4B8
RGB	211, 196, 184
RGB Percent	83%, 77%, 72%
CMY	0.1732, 0.2320, 0.2791
CMYK	0.00, 0.07, 0.13, 0.17
HSL	27°, 23%, 77%
HSV	27°, 13%, 83%
XYZ	55.1513, 56.6813, 53.2894
YIQ	199.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

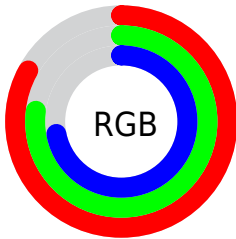
Format	Color
R _Y B	211, 206, 184
Decimal	13878456
CIE Lab	80.00, 3.25, 7.90
CIE LCh	80, 8.545, 67.681
Yxy	56.6813, 0.3340, 0.3433
Android (android.graphics.Color)	4292068536 (0xFFD3C4B8)
YUV	199.1170, -7.4527, 10.4214
Hunter-Lab	75.2870, -0.9924, 10.7344

Details

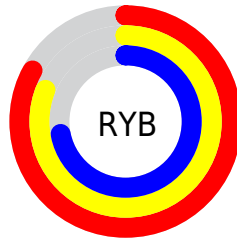
The CIELCh color **80, 8.545, 67.681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 8.183, 250.849**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.620, 103.477**, and **60, 8.421, 66.862** is the 20% darker color. If you saturate the color by 10%, you get **77, 15.655, 66.589**, and if you desaturate by 10%, it is **84, 1.817, 68.641**.

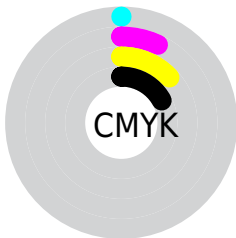
Distribution



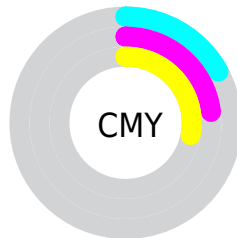
- Red (83%)
- Green (77%)
- Blue (72%)



- Red (83%)
- Yellow (81%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 8.545, 67.681 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, 8.545, 67.681 by changing the saturation by 10% instead.

80, 8.545, 67.681

80, 8.545, 67.681

100, 8.545, 67.681

70, 8.545, 67.681

60, 8.545, 67.681

50, 8.545, 67.681

40, 8.545, 67.681

30, 8.545, 67.681

20, 8.545, 67.681

10, 8.545, 67.681

0, 8.545, 67.681

80, 8.545, 67.681

80, 8.545, 67.681

77, 15.655, 66.589

84, 1.817, 68.641

73, 23.176, 65.474

87, 4.567, 250.087

70, 31.122, 64.369

91, 10.644,
251.129

67, 39.471, 63.277

94, 12.211,
230.305

64, 48.130, 62.177

61, 56.860, 61.004

97, 14.526,
199.786

58, 65.143, 59.599

97, 14.737,
198.524

55, 72.034, 57.641

54, 75.937, 55.902

Harmonies

Complementary

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



80, 8.545, 67.681



79, 8.183, 250.849

Rectangle

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



80, 8.545, 67.681



80, 8.545, 117.681



80, 8.545, 247.681



80, 8.545, 297.681

Sweetspot

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



80, 8.545, 67.698



98, 3.037, 68.575



77, 12.933, 341.211



52, 2.164, 68.515



0, 0.000, 0.000



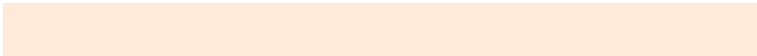
53, 0.007, 296.813

Same Dimension

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



80, 8.545, 67.698



94, 11.759, 67.439



83, 13.245, 106.058



42, 3.726, 68.064



43, 63.932, 56.543



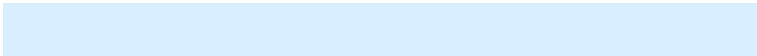
8, 15.817, 51.831

Inverse Universe

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



79, 8.183, 250.849



93, 11.159, 251.180



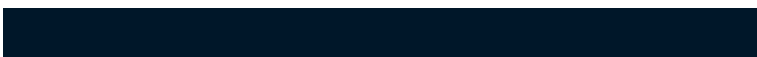
76, 13.583, 288.791



42, 3.614, 250.403



39, 46.978, 277.705



7, 15.024, 266.233

Previews

White Background



This preview shows how the CIELCh color 80, 8.545, 67.681 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, 8.545, 67.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

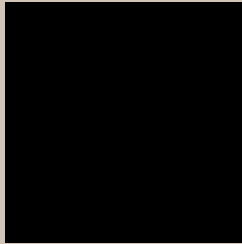
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

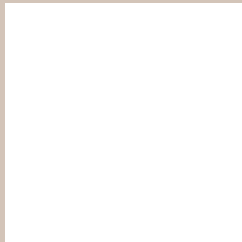
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 8.545, 67.681

Background



This preview shows how black text looks on a background with the CIELCh color 80, 8.545, 67.681.

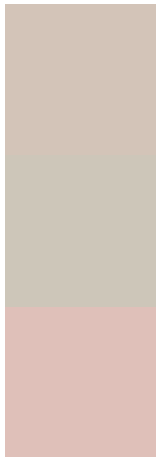


This preview shows how white text looks on a background with the CIELCh color 80, 8.545, 67.681.

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, 8.545, 67.681

Protanopia

80, 7.371, 88.520

Deuteranopia

80, 12.464, 37.487



Tritanopia
80, 11.371, 335.715

Trichromacy



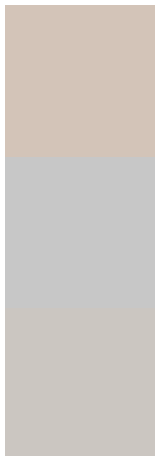
Original Color
80, 8.545, 67.681

Protanomaly
80, 7.393, 78.799

Deuteranomaly
80, 10.817, 43.077

Tritanomaly
80, 8.083, 356.791

Monochromacy



Original Color
80, 8.545, 67.681

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.221, 74.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 8.545, 67.681 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(211, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(211, 196, 184)  
}
```

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(211, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 196, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 8.545, 67.681 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(211, 196, 184) }
```

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

```
.border{ border-color:rgb(211, 196, 184) }
```

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

Here you see how a box with a 4 pixel rgb(211, 196, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(211, 196,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 8.545, 67.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 196, 184) }
```

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

```
.background{ background-color: rgb(211,  
196, 184) }
```

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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