

Converting Colors

CIELCh(80, 8.152, 65.196)

Have a look what the booklet for
CIELCh(80, 8.152, 65.196) contains.

CIELCh(80, 8.148, 65.281)	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, 8.148, 65.281)

Conversions

Conversions Part 1

Format	Color
Hex	D3C4B9
RGB	211, 196, 185
RGB Percent	83%, 77%, 73%
CMY	0.1735, 0.2323, 0.2754
CMYK	0.00, 0.07, 0.12, 0.17
HSL	25°, 23%, 78%
HSV	25°, 12%, 83%
XYZ	55.2157, 56.6813, 53.8017
YIQ	199.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

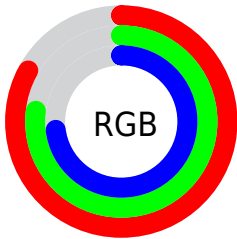
Format	Color
RYB	211, 204, 185
Decimal	13878457
CIELab	80.00, 3.41, 7.40
CIELCh	80, 8.148, 65.281
Yxy	56.6813, 0.3332, 0.3421
Android (android.graphics.Color)	4292068537 (0xFFD3C4B9)
YUV	199.2310, -7.0159, 10.3214
Hunter-Lab	75.2870, -0.8398, 10.3309

Details

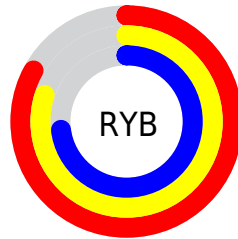
The CIELCh color **80, 8.148, 65.281** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 7.784, 248.221**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.116, 103.012**, and **60, 8.004, 64.260** is the 20% darker color. If you saturate the color by 10%, you get **76, 15.204, 64.251**, and if you desaturate by 10%, it is **84, 1.493, 66.134**.

Distribution



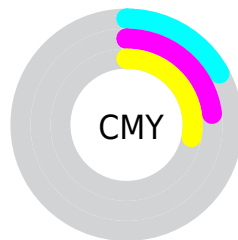
- Red (83%)
- Green (77%)
- Blue (73%)



- Red (83%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 8.148, 65.281 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, 8.148, 65.281 by changing the saturation by 10% instead.

80, 8.148, 65.281

80, 8.148, 65.281

100, 8.148, 65.281

70, 8.148, 65.281

60, 8.148, 65.281

50, 8.148, 65.281

40, 8.148, 65.281

30, 8.148, 65.281

20, 8.148, 65.281

10, 8.148, 65.281

0, 8.148, 65.281

80, 8.148, 65.281

80, 8.148, 65.281

76, 15.204, 64.251

84, 1.493, 66.134

73, 22.694, 63.204

87, 4.802, 247.596

70, 30.638, 62.179

91, 10.777,
248.601

66, 39.021, 61.179

94, 12.329,
225.180

63, 47.760, 60.188

60, 56.637, 59.144

97, 14.758,
198.522

57, 65.160, 57.893

55, 72.394, 56.111

53, 76.770, 54.369

Harmonies

Complementary

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



80, 8.148, 65.281



80, 7.784, 248.221

Rectangle

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



80, 8.148, 65.281



80, 8.148, 115.281



80, 8.148, 245.281



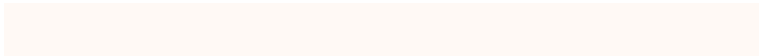
80, 8.148, 295.281

Sweetspot

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



80, 8.148, 65.299



98, 3.007, 66.076



78, 12.591, 340.348



52, 2.143, 66.022



0, 0.000, 0.000



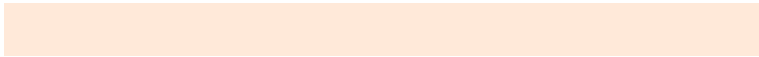
53, 0.007, 296.813

Same Dimension

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



80, 8.148, 65.299



94, 11.666, 65.004



83, 12.540, 105.322



42, 3.692, 65.597



43, 64.625, 55.001



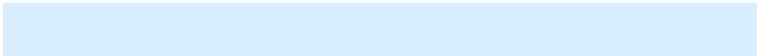
8, 15.921, 49.295

Inverse Universe

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



80, 7.784, 248.221



93, 11.011, 248.602



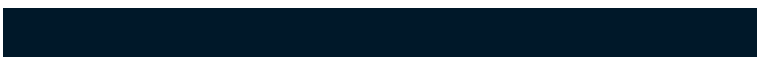
76, 12.835, 287.985



42, 3.571, 247.854



40, 44.982, 275.063



7, 14.589, 263.592

Previews

White Background



This preview shows how the CIELCh color 80, 8.148, 65.281 looks on a white background.

Color Contrast Check

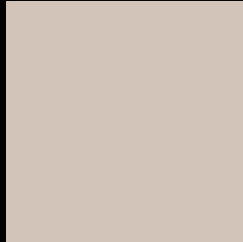
Large Text (above 18pt) WCAG AA × Fail

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, 8.148, 65.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

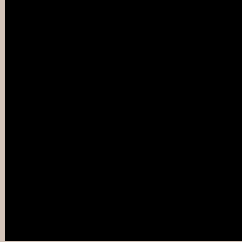
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

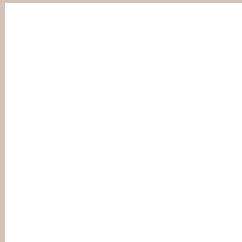
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 8.148, 65.281

Background



This preview shows how black text looks on a background with the CIELCh color 80, 8.148, 65.281.

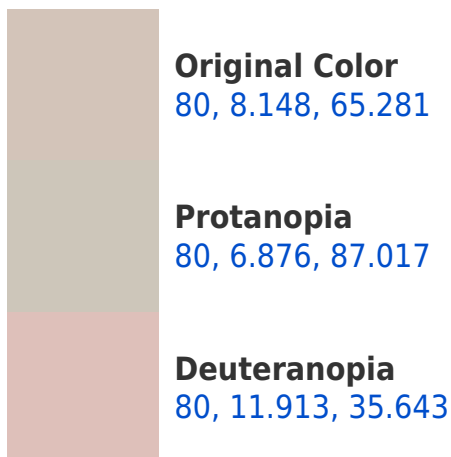


This preview shows how white text looks on a background with the CIELCh color 80, 8.148, 65.281.

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





Tritanopia
80, 11.371, 335.715

Trichromacy



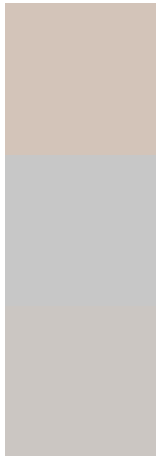
Original Color
80, 8.148, 65.281

Protanomaly
80, 6.938, 76.647

Deuteranomaly
80, 10.235, 41.244

Tritanomaly
80, 8.083, 356.791

Monochromacy



Original Color
80, 8.148, 65.281

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.800, 68.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 8.148, 65.281 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(211, 196, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 196, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 8.148, 65.281 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, 185) }
```

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

```
.border{ border-color:rgb(211, 196, 185) }
```

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, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 196, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 196, 185);  
box-shadow:4px 4px 4px 4px rgb(211, 196,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 8.148, 65.281 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, 185) }
```

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

```
.background{ background-color: rgb(211,  
196, 185) }
```

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