

Converting Colors

CIELCh(65, 35.880, 80.292)

Have a look what the booklet for
CIELCh(65, 35.880, 80.292) contains.

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Color

CIELCh(65, 35.950, 80.284)

Conversions

Conversions Part 1

Format	Color
Hex	BC985E
RGB	188, 152, 94
RGB Percent	74%, 60%, 37%
CMY	0.2619, 0.4032, 0.6307
CMYK	0.00, 0.19, 0.50, 0.26
HSL	37°, 41%, 55%
HSV	37°, 50%, 74%
XYZ	34.0773, 34.0472, 15.4076
YIQ	156.1520, 40.0740, -10.4060

Conversions

Conversions Part 2

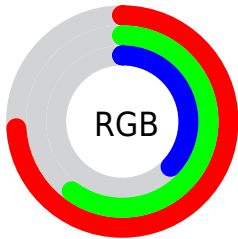
Format	Color
RYB	152, 188, 94
Decimal	12359774
CIELab	65.00, 6.07, 35.43
CIElCh	65, 35.950, 80.284
Yxy	34.0472, 0.4080, 0.4076
Android (android.graphics.Color)	4290549854 (0xFFBC985E)
YUV	156.1520, -30.6409, 27.9307
Hunter-Lab	58.3500, 2.1345, 25.1892

Details

The CIELCh color **65, 35.950, 80.284** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **54, 34.506, 276.228**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 36.097, 80.277**, and **45, 35.742, 80.297** is the 20% darker color. If you saturate the color by 10%, you get **63, 43.442, 78.825**, and if you desaturate by 10%, it is **67, 28.447, 81.696**.

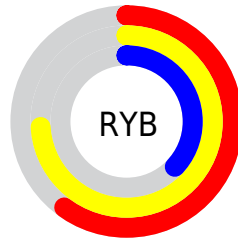
Distribution



Red (74%)

Green (60%)

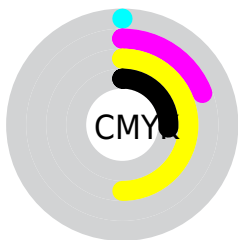
Blue (37%)



Red (60%)

Yellow (74%)

Blue (37%)

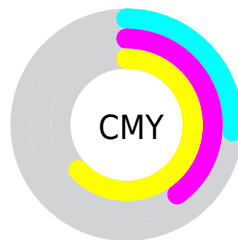


Cyan (0%)

Magenta (19%)

Yellow (50%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 35.950, 80.284 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 65, 35.950, 80.284 by changing the saturation by 10% instead.

 65, 35.950, 80.284

 65, 35.950, 80.284

 100, 35.950,
80.284

 55, 35.950, 80.284

 85, 35.950, 80.284

 45, 35.950, 80.284

 95, 35.950, 80.284

 35, 35.950, 80.284

 25, 35.950, 80.284

 15, 35.950, 80.284

 5, 35.950, 80.284

 0, 35.950, 80.284

 65, 35.950, 80.284

 65, 35.950, 80.284

 63, 43.442, 78.825

 67, 28.447, 81.696

61, 50.677, 77.267

69, 21.057, 83.063

59, 57.207, 75.527

72, 13.836, 84.389

57, 62.329, 73.441

74, 6.805, 85.663

55, 65.750, 70.938

76, 0.036, 274.260

55, 65.765, 70.928

79, 6.695, 268.198

81, 13.187,
269.335

84, 19.524,
270.432

86, 21.668,
266.496

Harmonies

Complementary

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



65, 35.950, 80.284



54, 34.506, 276.228

Rectangle

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



65, 35.950, 80.284



65, 35.950, 130.284



65, 35.950, 260.284



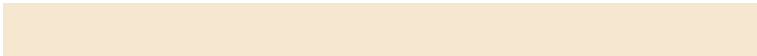
65, 35.950, 310.284

Sweetspot

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



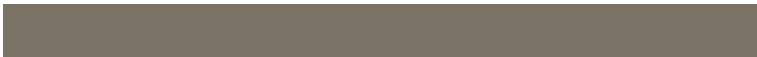
65, 35.950, 80.288



92, 12.788, 84.998



52, 41.902, 356.619



48, 8.748, 84.727



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 35.950, 80.288



80, 53.842, 78.671



74, 49.067, 110.926



39, 3.877, 85.738



47, 57.781, 71.395



7, 10.604, 73.366

Inverse Universe

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



54, 34.506, 276.228



64, 51.613, 279.413



45, 55.987, 300.406



37, 3.855, 268.222



29, 62.205, 293.090



3, 12.909, 276.310

Previews

White Background



This preview shows how the CIELCh color 65, 35.950, 80.284 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 65, 35.950, 80.284 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 65, 35.950, 80.284

Background



This preview shows how black text looks on a background with the CIELCh color 65, 35.950, 80.284.



This preview shows how white text looks on a background with the CIELCh color 65, 35.950, 80.284.

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

65, 35.950, 80.284

Protanopia

65, 34.460, 95.534

Deuteranopia

65, 36.665, 76.911



Tritanopia
65, 20.211, 4.082

Trichromacy



Original Color
65, 35.950, 80.284

Protanomaly
65, 34.948, 89.701

Deuteranomaly
65, 36.424, 77.504

Tritanomaly
65, 20.010, 43.472

Monochromacy



Original Color
65, 35.950, 80.284

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 12.799, 84.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 35.950, 80.284 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(188, 152, 94)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 94)  
}
```

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(188, 152, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 35.950, 80.284 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(188, 152, 94) }
```

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

```
.border{ border-color:rgb(188, 152, 94) }
```

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

Here you see how a box with a 4 pixel rgb(188, 152, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 94);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 35.950, 80.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 94) }
```

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

```
.background{ background-color: rgb(188,  
152, 94) }
```

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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