

Converting Colors

CIELCh(63, 35.680, 51.475)

Have a look what the booklet for
CIELCh(63, 35.680, 51.475) contains.

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Color

CIELCh(63, 35.701, 51.055)

Conversions

Conversions Part 1

Format	Color
Hex	CC8868
RGB	204, 136, 104
RGB Percent	80%, 53%, 41%
CMY	0.1986, 0.4654, 0.5910
CMYK	0.00, 0.33, 0.49, 0.20
HSL	19°, 50%, 61%
HSV	19°, 49%, 80%
XYZ	36.3578, 31.5869, 17.3558
YIQ	152.6840, 50.8000, 4.4640

Conversions

Conversions Part 2

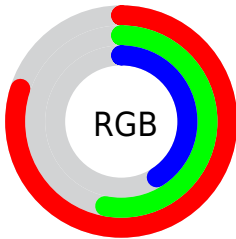
Format	Color
R _{YB}	204, 151, 104
Decimal	13404264
CIE Lab	63.00, 22.44, 27.77
CIE LCh	63, 35.701, 51.055
Yxy	31.5869, 0.4262, 0.3703
Android (android.graphics.Color)	4291594344 (0xFFCC8868)
YUV	152.6840, -24.0012, 45.0041
Hunter-Lab	56.2022, 17.1195, 21.0323

Details

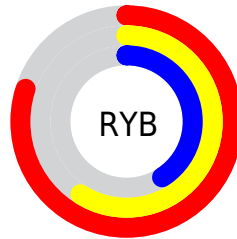
The CIELCh color **63, 35.701, 51.055** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **67, 26.304, 240.793**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 32.869, 54.636**, and **43, 35.835, 51.556** is the 20% darker color. If you saturate the color by 10%, you get **59, 44.567, 50.718**, and if you desaturate by 10%, it is **67, 27.359, 51.503**.

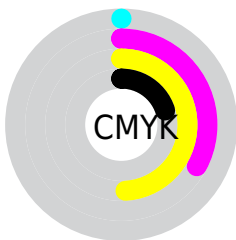
Distribution



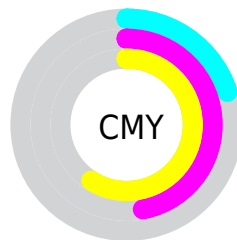
- Red (80%)
- Green (53%)
- Blue (41%)



- Red (80%)
- Yellow (59%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (49%)
- Black (20%)



- Cyan (20%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 35.701, 51.055 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 63, 35.701, 51.055 by changing the saturation by 10% instead.

63, 35.701, 51.055

63, 35.701, 51.055

100, 35.701,
51.055

53, 35.701, 51.055

83, 35.701, 51.055

43, 35.701, 51.055

93, 35.701, 51.055

33, 35.701, 51.055

23, 35.701, 51.055

13, 35.701, 51.055

3, 35.701, 51.055

0, 35.701, 51.055

63, 35.701, 51.055

63, 35.701, 51.055

59, 44.567, 50.718

67, 27.359, 51.503

56, 53.827, 50.450

71, 19.578, 52.042

53, 63.141, 50.147

74, 12.345, 52.656

50, 71.758, 49.527

79, 5.623, 53.300

48, 78.647, 48.275

83, 0.635, 234.917

48, 79.354, 48.188

87, 6.478, 234.966

91, 11.954,
235.707

95, 14.669,
213.951

97, 16.765,
198.393

Harmonies

Complementary

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



63, 35.701, 51.055



67, 26.304, 240.793

Rectangle

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



63, 35.701, 51.055



63, 35.701, 101.055



63, 35.701, 231.055



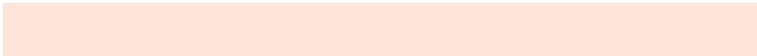
63, 35.701, 281.055

Sweetspot

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



63, 35.700, 51.060



93, 11.527, 52.900



58, 51.638, 338.865



48, 7.927, 52.761



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 35.700, 51.060



73, 53.524, 50.695



75, 43.719, 95.666



41, 3.560, 53.273



39, 67.547, 48.709



6, 15.128, 38.882

Inverse Universe

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



67, 26.304, 240.793



79, 36.358, 243.555



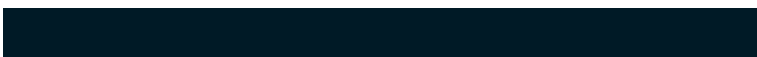
53, 47.199, 289.392



41, 3.394, 234.914



45, 36.502, 259.302



8, 12.268, 247.703

Previews

White Background



This preview shows how the CIELCh color 63, 35.701, 51.055 looks on a white background.

Color Contrast Check

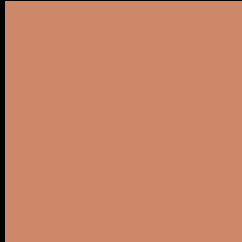
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 35.701, 51.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

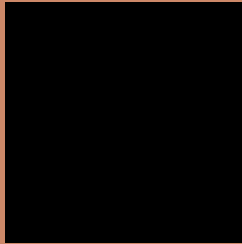
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 35.701, 51.055

Background



This preview shows how black text looks on a background with the CIELCh color 63, 35.701, 51.055.



This preview shows how white text looks on a background with the CIELCh color 63, 35.701, 51.055.

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

63, 35.701, 51.055

Protanopia

63, 23.714, 96.205

Deuteranopia

63, 29.692, 74.227



Tritanopia
63, 31.312, 12.832

Trichromacy



Original Color
63, 35.701, 51.055

Protanomaly
63, 25.510, 74.891

Deuteranomaly
63, 31.168, 63.897

Tritanomaly
63, 30.979, 27.623

Monochromacy



Original Color
63, 35.701, 51.055

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 12.271, 53.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 35.701, 51.055 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(204, 136, 104)` looks like.

```
.text, #text, p{  
    color:rgb(204, 136, 104)  
}
```

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(204, 136, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 136, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 35.701, 51.055 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(204, 136, 104) }
```

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

```
.border{ border-color:rgb(204, 136, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 136, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 136, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 136, 104);  
box-shadow:4px 4px 4px 4px rgb(204, 136,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 35.701, 51.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 136, 104) }
```

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

```
.background{ background-color: rgb(204,  
136, 104) }
```

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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