

Converting Colors

CIELCh(64, 35.577, 51.072)

Have a look what the booklet for
CIELCh(64, 35.577, 51.072) contains.

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Color

CIELCh(64, 35.516, 51.081)

Conversions

Conversions Part 1

Format	Color
Hex	CF8B6B
RGB	207, 139, 107
RGB Percent	81%, 55%, 42%
CMY	0.1881, 0.4548, 0.5803
CMYK	0.00, 0.33, 0.48, 0.19
HSL	19°, 51%, 62%
HSV	19°, 48%, 81%
XYZ	37.6289, 32.8017, 18.2632
YIQ	155.6840, 50.8000, 4.4640

Conversions

Conversions Part 2

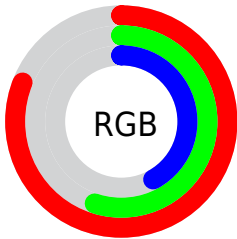
Format	Color
R _Y B	207, 154, 107
Decimal	13601643
CIE Lab	64.00, 22.31, 27.63
CIE LCh	64, 35.516, 51.081
Yxy	32.8017, 0.4243, 0.3698
Android (android.graphics.Color)	4291791723 (0xFFCF8B6B)
YUV	155.6840, -24.0012, 45.0041
Hunter-Lab	57.2727, 17.0494, 21.1844

Details

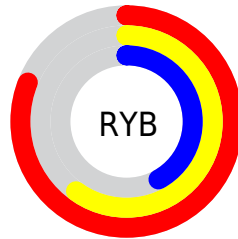
The CIELCh color **64, 35.516, 51.081** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **68, 26.287, 240.657**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 31.358, 55.189**, and **44, 35.700, 50.585** is the 20% darker color. If you saturate the color by 10%, you get **60, 44.446, 50.738**, and if you desaturate by 10%, it is **68, 27.120, 51.536**.

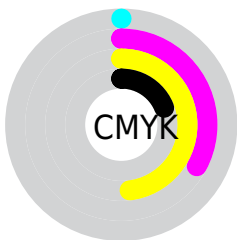
Distribution



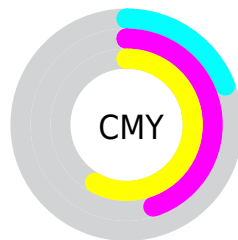
- Red (81%)
- Green (55%)
- Blue (42%)



- Red (81%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (33%)
- Yellow (48%)
- Black (19%)



- Cyan (19%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 35.516, 51.081 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 64, 35.516, 51.081 by changing the saturation by 10% instead.

64, 35.516, 51.081

64, 35.516, 51.081

100, 35.516,
51.081

54, 35.516, 51.081

84, 35.516, 51.081

44, 35.516, 51.081

94, 35.516, 51.081

34, 35.516, 51.081

24, 35.516, 51.081

14, 35.516, 51.081

4, 35.516, 51.081

0, 35.516, 51.081

64, 35.516, 51.081

64, 35.516, 51.081

60, 44.446, 50.738

68, 27.120, 51.536

57, 53.787, 50.467

72, 19.292, 52.081

54, 63.213, 50.171

76, 12.016, 52.700

51, 71.994, 49.582

80, 5.255, 53.341

49, 79.008, 48.317

84, 1.041, 234.664

49, 80.156, 48.160

88, 6.920, 235.015

92, 12.432,
235.760

96, 14.864,
205.219

97, 15.933,
198.446

Harmonies

Complementary

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



64, 35.516, 51.081



68, 26.287, 240.657

Rectangle

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



64, 35.516, 51.081



64, 35.516, 101.081



64, 35.516, 231.081



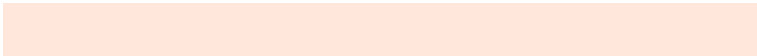
64, 35.516, 281.081

Sweetspot

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



64, 35.515, 51.086



93, 10.719, 52.968



59, 51.549, 338.805



49, 7.460, 52.826



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 35.515, 51.086



73, 52.434, 50.726



76, 43.612, 95.740



42, 3.634, 53.273



40, 68.342, 48.668



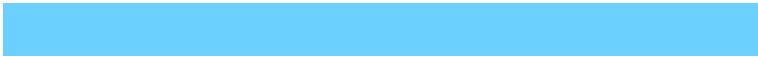
7, 16.682, 38.952

Inverse Universe

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



68, 26.287, 240.657



79, 35.893, 243.271



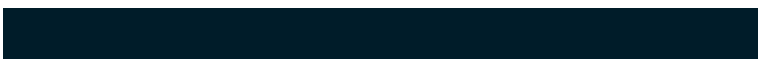
54, 47.012, 289.250



42, 3.464, 234.918



46, 36.941, 259.373



9, 12.900, 247.621

Previews

White Background



This preview shows how the CIELCh color 64, 35.516, 51.081 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 64, 35.516, 51.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

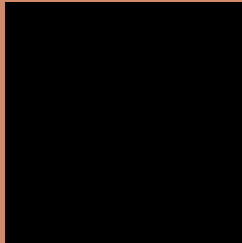
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 35.516, 51.081

Background



This preview shows how black text looks on a background with the CIELCh color 64, 35.516, 51.081.



This preview shows how white text looks on a background with the CIELCh color 64, 35.516, 51.081.

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
64, 31.192, 12.751

Trichromacy



Original Color
64, 35.516, 51.081

Protanomaly
64, 25.692, 74.145

Deuteranomaly
64, 31.020, 63.969

Tritanomaly
64, 30.836, 27.566

Monochromacy



Original Color
64, 35.516, 51.081

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 12.216, 53.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 35.516, 51.081 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(207, 139, 107)` looks like.

```
.text, #text, p{  
    color:rgb(207, 139, 107)  
}
```

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(207, 139, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 139, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 35.516, 51.081 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(207, 139, 107) }
```

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

```
.border{ border-color:rgb(207, 139, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 139, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 139, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 139, 107);  
box-shadow:4px 4px 4px 4px rgb(207, 139,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 35.516, 51.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 139, 107) }
```

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

```
.background{ background-color: rgb(207,  
139, 107) }
```

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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