

Converting Colors

CIELCh(64, 31.665, 40.143)

Have a look what the booklet for
CIELCh(64, 31.665, 40.143) contains.

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Color

CIELCh(64, 31.665, 40.143)

Conversions

Conversions Part 1

Format	Color
Hex	CF8A78
RGB	207, 138, 120
RGB Percent	81%, 54%, 47%
CMY	0.1882, 0.4588, 0.5294
CMYK	0.00, 0.33, 0.42, 0.19
HSL	12°, 48%, 64%
HSV	12°, 42%, 81%
XYZ	38.2143, 32.8017, 22.0886
YIQ	156.5790, 46.9020, 9.0300

Conversions

Conversions Part 2

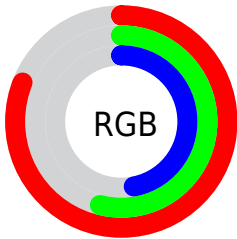
Format	Color
R _Y B	207, 143, 120
Decimal	13601400
CIE Lab	64.00, 24.21, 20.41
CIE LCh	64, 31.665, 40.143
Yxy	32.8017, 0.4104, 0.3523
Android (android.graphics.Color)	4291791480 (0xFFCF8A78)
YUV	156.5790, -18.0334, 44.2192
Hunter-Lab	57.2727, 18.8739, 17.2243

Details

The CIELCh color **64, 31.665, 40.143** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 23.341, 222.927**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 27.476, 43.399**, and **44, 31.774, 40.145** is the 20% darker color. If you saturate the color by 10%, you get **60, 40.800, 40.556**, and if you desaturate by 10%, it is **68, 23.151, 39.941**.

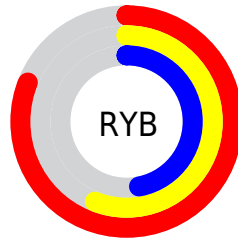
Distribution



Red (81%)

Green (54%)

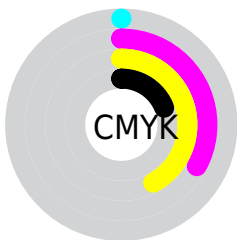
Blue (47%)



Red (81%)

Yellow (56%)

Blue (47%)

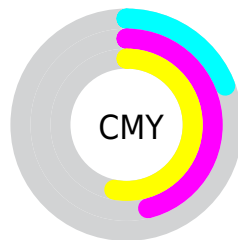


Cyan (0%)

Magenta (33%)

Yellow (42%)

Black (19%)



Cyan (19%)

Magenta (46%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 31.665, 40.143 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, 31.665, 40.143 by changing the saturation by 10% instead.

 64, 31.665, 40.143

 64, 31.665, 40.143

 100, 31.665,
40.143

 54, 31.665, 40.143

 84, 31.665, 40.143

 44, 31.665, 40.143

 94, 31.665, 40.143

 34, 31.665, 40.143

 24, 31.665, 40.143

 14, 31.665, 40.143

 4, 31.665, 40.143

 0, 31.665, 40.143

 64, 31.665, 40.143

 64, 31.665, 40.143

 60, 40.800, 40.556

 68, 23.151, 39.941

56, 50.483, 41.189

73, 15.272, 39.898

53, 60.515, 42.025

77, 8.002, 39.966

50, 70.436, 42.921

82, 1.294, 39.810

47, 79.226, 43.460

87, 4.905, 220.631

46, 84.769, 43.530

92, 10.651,
220.902

96, 15.255,
202.503

97, 15.938,
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, 31.665, 40.143



73, 23.341, 222.927

Rectangle

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



64, 31.665, 40.143



64, 31.665, 90.143



64, 31.665, 220.143



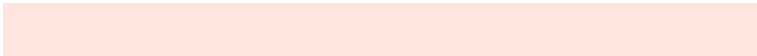
64, 31.665, 270.143

Sweetspot

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



64, 31.663, 40.148



93, 10.291, 39.956



62, 48.960, 333.285



48, 7.268, 39.935



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, 31.663, 40.148



73, 46.181, 40.485



75, 34.463, 88.301



42, 3.765, 39.991



37, 72.311, 43.896



6, 17.707, 30.883

Inverse Universe

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



73, 23.341, 222.927



86, 31.548, 224.022



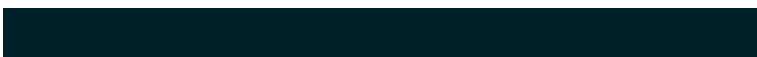
61, 34.842, 280.733



43, 3.553, 220.680



52, 32.280, 236.772



11, 12.197, 228.069

Previews

White Background



This preview shows how the CIELCh color 64, 31.665, 40.143 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 64, 31.665, 40.143 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, 31.665, 40.143

Background



This preview shows how black text looks on a background with the CIELCh color 64, 31.665, 40.143.

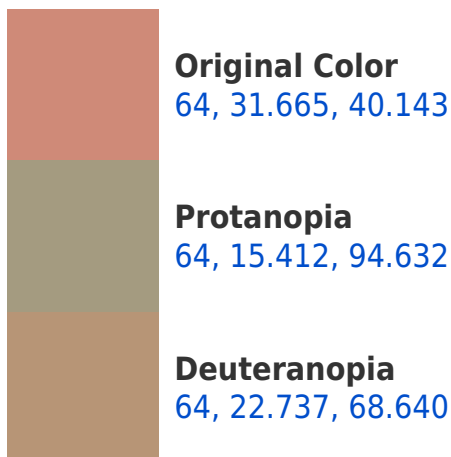


This preview shows how white text looks on a background with the CIELCh color 64, 31.665, 40.143.

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, 30.806, 11.547

Trichromacy



Original Color
64, 31.665, 40.143

Protanomaly
64, 18.800, 64.862

Deuteranomaly
64, 25.122, 55.422

Tritanomaly
64, 30.217, 21.545

Monochromacy



Original Color
64, 31.665, 40.143

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 10.596, 38.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 31.665, 40.143 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, 138, 120)` looks like.

```
.text, #text, p{  
    color:rgb(207, 138, 120)  
}
```

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, 138, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 138, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 31.665, 40.143 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, 138, 120) }
```

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

```
.border{ border-color:rgb(207, 138, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 138, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 138, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 138, 120);  
box-shadow:4px 4px 4px 4px rgb(207, 138,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 31.665, 40.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 138, 120) }
```

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

```
.background{ background-color: rgb(207,  
138, 120) }
```

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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