

Converting Colors

CIELCh(64, 44.272, 68.041)

Have a look what the booklet for
CIELCh(64, 44.272, 68.041) contains.

CIELCh(64, 44.201, 68.322)	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(64, 44.201, 68.322)

Conversions

Conversions Part 1

Format	Color
Hex	CB8F52
RGB	203, 143, 82
RGB Percent	80%, 56%, 32%
CMY	0.2053, 0.4404, 0.6796
CMYK	0.00, 0.30, 0.60, 0.21
HSL	30°, 54%, 56%
HSV	30°, 60%, 79%
XYZ	35.8187, 32.8017, 12.3666
YIQ	153.9860, 55.3410, -6.2510

Conversions

Conversions Part 2

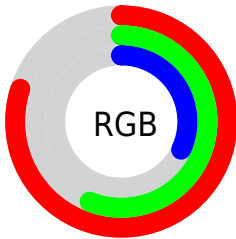
Format	Color
R_{YB}	201, 203, 82
Decimal	13340498
CIE _{Lab}	64.00, 16.33, 41.07
CIE _{LCh}	64, 44.201, 68.322
Yxy	32.8017, 0.4423, 0.4050
Android (android.graphics.Color)	4291530578 (0xFFCB8F52)
YUV	153.9860, -35.4891, 42.9853
Hunter-Lab	57.2727, 11.4075, 27.2887

Details

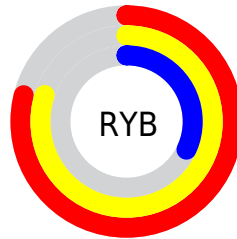
The CIELCh color **64, 44.201, 68.322** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **57, 37.376, 268.299**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 42.052, 71.798**, and **44, 43.965, 68.680** is the 20% darker color. If you saturate the color by 10%, you get **61, 52.344, 66.937**, and if you desaturate by 10%, it is **67, 36.080, 69.637**.

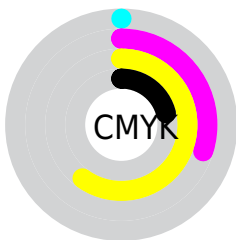
Distribution



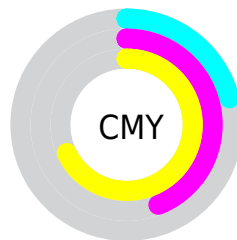
- Red (80%)
- Green (56%)
- Blue (32%)



- Red (79%)
- Yellow (80%)
- Blue (32%)



- Cyan (0%)
- Magenta (30%)
- Yellow (60%)
- Black (21%)



- Cyan (21%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 44.201, 68.322 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, 44.201, 68.322 by changing the saturation by 10% instead.

 64, 44.201, 68.322

 64, 44.201, 68.322

 100, 44.201,
68.322

 54, 44.201, 68.322

 84, 44.201, 68.322

 44, 44.201, 68.322

 94, 44.201, 68.322

 34, 44.201, 68.322

 24, 44.201, 68.322

 14, 44.201, 68.322

 4, 44.201, 68.322

 0, 44.201, 68.322

 64, 44.201, 68.322

 64, 44.201, 68.322

 61, 52.344, 66.937

 67, 36.080, 69.637

59, 60.090, 65.356

70, 28.185, 70.919

56, 66.673, 63.349

73, 20.598, 72.185

54, 71.500, 60.764

76, 13.344, 73.434

54, 71.656, 60.688

79, 6.413, 74.646

82, 0.214, 257.640

85, 6.566, 257.163

88, 12.671,
258.285

91, 14.916,
248.815

Harmonies

Complementary

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



64, 44.201, 68.322



57, 37.376, 268.299

Rectangle

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



64, 44.201, 68.322



64, 44.201, 118.322



64, 44.201, 248.322



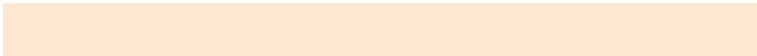
64, 44.201, 298.322

Sweetspot

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



64, 44.200, 68.326



93, 14.657, 73.612



53, 54.824, 350.592



49, 10.255, 73.247



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, 44.200, 68.326



75, 65.356, 66.447



79, 60.650, 104.666



41, 3.775, 74.679



45, 61.541, 61.276



8, 14.350, 58.406

Inverse Universe

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



57, 37.376, 268.299



65, 53.807, 273.090



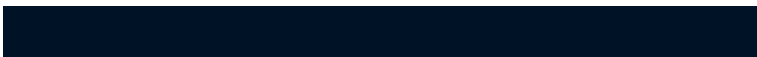
41, 72.414, 299.510



41, 3.697, 257.162



36, 52.337, 284.093



5, 15.228, 271.562

Previews

White Background



This preview shows how the CIELCh color 64, 44.201, 68.322 looks on a white background.

Color Contrast Check

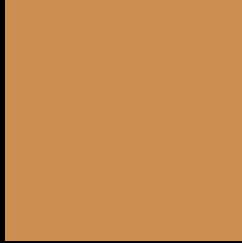
Large Text (above 18pt) WCAG AA × Fail

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, 44.201, 68.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

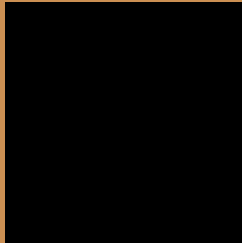
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 44.201, 68.322

Background



This preview shows how black text looks on a background with the CIELCh color 64, 44.201, 68.322.



This preview shows how white text looks on a background with the CIELCh color 64, 44.201, 68.322.

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

64, 44.201, 68.322

Protanopia

64, 38.615, 96.086

Deuteranopia

64, 42.487, 78.700



Tritanopia
64, 29.538, 11.960

Trichromacy



Original Color
64, 44.201, 68.322

Protanomaly
64, 39.591, 84.815

Deuteranomaly
64, 42.680, 74.770

Tritanomaly
64, 30.325, 38.775

Monochromacy



Original Color
64, 44.201, 68.322

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 15.342, 72.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 44.201, 68.322 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(203, 143, 82)` looks like.

```
.text, #text, p{  
    color:rgb(203, 143, 82)  
}
```

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(203, 143, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 143, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 44.201, 68.322 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(203, 143, 82) }
```

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

```
.border{ border-color:rgb(203, 143, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 143, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 143, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 143, 82);  
box-shadow:4px 4px 4px 4px rgb(203, 143,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 44.201, 68.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 143, 82) }
```

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

```
.background{ background-color: rgb(203,  
143, 82) }
```

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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