

Converting Colors

CIELCh(67, 41.706, 83.705)

Have a look what the booklet for
CIELCh(67, 41.706, 83.705) contains.

CIELCh(67, 41.497, 83.345)	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(67, 41.497, 83.345)

Conversions

Conversions Part 1

Format	Color
Hex	C29E58
RGB	194, 158, 88
RGB Percent	76%, 62%, 35%
CMY	0.2392, 0.3803, 0.6549
CMYK	0.00, 0.19, 0.55, 0.24
HSL	40°, 46%, 55%
HSV	40°, 55%, 76%
XYZ	36.2406, 36.6320, 14.3951
YIQ	160.7840, 43.9260, -14.1380

Conversions

Conversions Part 2

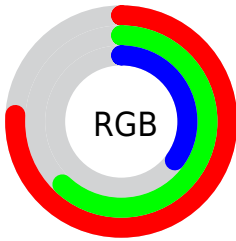
Format	Color
RYB	143, 194, 88
Decimal	12754520
CIELab	67.00, 4.81, 41.22
CIElCh	67, 41.497, 83.345
Yxy	36.6320, 0.4153, 0.4198
Android (android.graphics.Color)	4290944600 (0xFFC29E58)
YUV	160.7840, -35.8825, 29.1304
Hunter-Lab	60.5244, 0.9642, 28.2655

Details

The CIELCh color **67, 41.497, 83.345** 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 **52, 41.232, 280.992**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 41.227, 82.693**, and **47, 41.587, 83.274** is the 20% darker color. If you saturate the color by 10%, you get **65, 49.047, 81.860**, and if you desaturate by 10%, it is **69, 33.736, 84.772**.

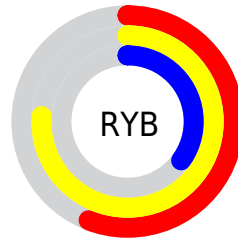
Distribution



Red (76%)

Green (62%)

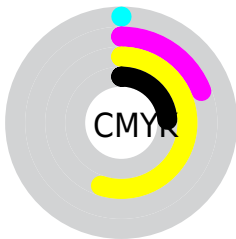
Blue (35%)



Red (56%)

Yellow (76%)

Blue (35%)

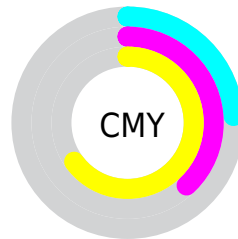


Cyan (0%)

Magenta (19%)

Yellow (55%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 41.497, 83.345 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 67, 41.497, 83.345 by changing the saturation by 10% instead.

■ 67, 41.497, 83.345

■ 67, 41.497, 83.345

■ 100, 41.497,
83.345

■ 57, 41.497, 83.345

■ 87, 41.497, 83.345

■ 47, 41.497, 83.345

■ 97, 41.497, 83.345

■ 37, 41.497, 83.345

■ 27, 41.497, 83.345

■ 17, 41.497, 83.345

■ 7, 41.497, 83.345

■ 0, 41.497, 83.345

■ 67, 41.497, 83.345

■ 67, 41.497, 83.345

■ 65, 49.047, 81.860

■ 69, 33.736, 84.772

63, 56.019, 80.258

71, 25.963, 86.149

61, 61.818, 78.439

73, 18.282, 87.485

60, 65.671, 76.233

75, 10.742, 88.776

59, 67.169, 74.946

77, 3.359, 89.984

80, 3.863, 271.329

82, 10.931,
272.450

84, 17.854,
273.552

86, 20.929,
270.675

Harmonies

Complementary

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



67, 41.497, 83.345



52, 41.232, 280.992

Rectangle

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



67, 41.497, 83.345



67, 41.497, 133.345



67, 41.497, 263.345



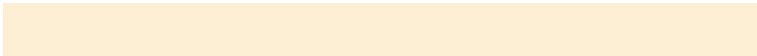
67, 41.497, 313.345

Sweetspot

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



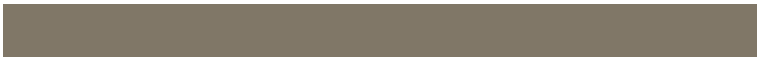
67, 41.497, 83.349



95, 14.569, 88.570



52, 46.252, 359.936



50, 9.940, 88.302



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 41.497, 83.349



82, 61.926, 81.487



75, 54.690, 112.161



40, 4.131, 89.431



49, 58.416, 75.389



8, 12.441, 77.913

Inverse Universe

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



52, 41.232, 280.992



60, 62.437, 284.734



44, 63.258, 301.988



38, 4.128, 271.875



27, 67.790, 295.849



3, 14.998, 279.584

Previews

White Background



This preview shows how the CIELCh color 67, 41.497, 83.345 looks on a white background.

Color Contrast Check

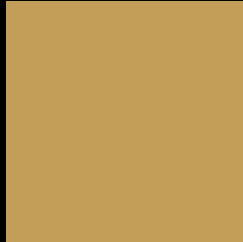
Large Text (above 18pt) WCAG AA × Fail

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 67, 41.497, 83.345 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 67, 41.497, 83.345

Background



This preview shows how black text looks on a background with the CIELCh color 67, 41.497, 83.345.



This preview shows how white text looks on a background with the CIELCh color 67, 41.497, 83.345.

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

67, 41.497, 83.345

Protanopia

67, 40.063, 95.234

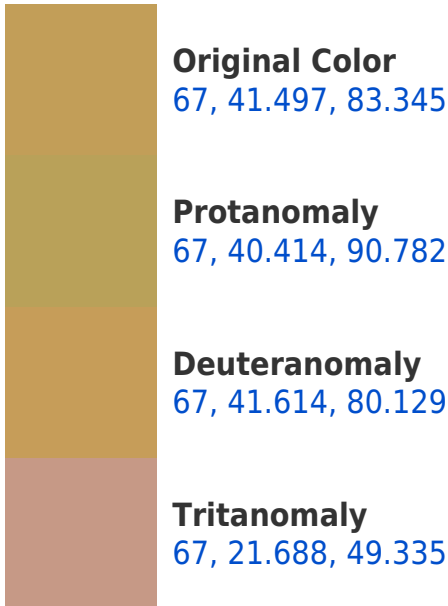
Deuteranopia

67, 41.866, 78.253



Tritanopia
67, 20.471, 4.388

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 41.497, 83.345 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(194, 158, 88)` looks like.

```
.text, #text, p{  
    color:rgb(194, 158, 88)  
}
```

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(194, 158, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 158, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 41.497, 83.345 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(194, 158, 88) }
```

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

```
.border{ border-color:rgb(194, 158, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 158, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 158, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 158, 88);  
box-shadow:4px 4px 4px 4px rgb(194, 158,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 41.497, 83.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 158, 88) }
```

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

```
.background{ background-color: rgb(194,  
158, 88) }
```

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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