

Converting Colors

CIELCh(67, 29.716, 84.680)

Have a look what the booklet for
CIELCh(67, 29.716, 84.680) contains.

CIELCh(67, 29.698, 85.102)	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, 29.698, 85.102)

Conversions

Conversions Part 1

Format	Color
Hex	BAA06E
RGB	186, 160, 110
RGB Percent	73%, 63%, 43%
CMY	0.2712, 0.3731, 0.5692
CMYK	0.00, 0.14, 0.41, 0.27
HSL	39°, 35%, 58%
HSV	39°, 41%, 73%
XYZ	35.5632, 36.6320, 19.9075
YIQ	162.0740, 31.5460, -10.0380

Conversions

Conversions Part 2

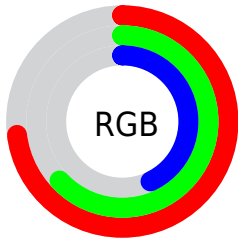
Format	Color
RYB	150, 186, 110
Decimal	12230766
CIELab	67.00, 2.54, 29.59
CIELCh	67, 29.698, 85.102
Yxy	36.6320, 0.3861, 0.3977
Android (android.graphics.Color)	4290420846 (0xFFBAA06E)
YUV	162.0740, -25.6725, 20.9831
Hunter-Lab	60.5244, -1.0338, 22.8655

Details

The CIELCh color **67, 29.698, 85.102** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **56, 29.352, 277.304**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 29.830, 85.755**, and **47, 29.935, 85.846** is the 20% darker color. If you saturate the color by 10%, you get **65, 37.208, 83.706**, and if you desaturate by 10%, it is **69, 22.229, 86.465**.

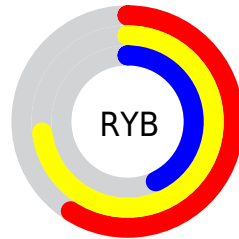
Distribution



Red (73%)

Green (63%)

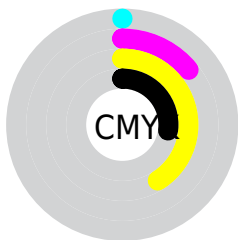
Blue (43%)



Red (59%)

Yellow (73%)

Blue (43%)

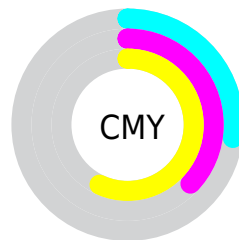


Cyan (0%)

Magenta (14%)

Yellow (41%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 29.698, 85.102 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, 29.698, 85.102 by changing the saturation by 10% instead.

 67, 29.698, 85.102

 67, 29.698, 85.102

 100, 29.698,
85.102

 57, 29.698, 85.102

 87, 29.698, 85.102

 47, 29.698, 85.102

 97, 29.698, 85.102

 37, 29.698, 85.102

 27, 29.698, 85.102

 17, 29.698, 85.102

 7, 29.698, 85.102

 0, 29.698, 85.102

 67, 29.698, 85.102

 67, 29.698, 85.102

 65, 37.208, 83.706

 69, 22.229, 86.465

63, 44.609, 82.250

71, 14.873, 87.782

61, 51.623, 80.703

73, 7.663, 89.050

60, 57.769, 78.988

75, 0.609, 89.934

58, 62.348, 76.960

77, 6.290, 271.546

56, 65.049, 74.811

80, 13.043,
272.667

82, 19.659,
273.750

84, 24.408,
273.178

86, 21.963,
264.769

Harmonies

Complementary

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



67, 29.698, 85.102



56, 29.352, 277.304

Rectangle

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



67, 29.698, 85.102



67, 29.698, 135.102



67, 29.698, 265.102



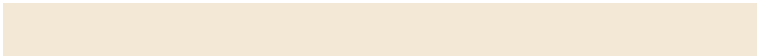
67, 29.698, 315.102

Sweetspot

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



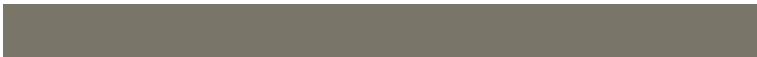
67, 29.699, 85.107



92, 10.493, 88.887



55, 33.595, 357.368



49, 7.028, 88.723



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 29.699, 85.107



83, 44.415, 83.859



73, 40.378, 113.053



38, 3.941, 89.240



48, 57.043, 75.246



6, 9.603, 79.350

Inverse Universe

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



56, 29.352, 277.304



67, 43.946, 279.471



50, 44.618, 300.088



36, 3.937, 271.670



27, 65.758, 295.607



3, 11.730, 277.317

Previews

White Background



This preview shows how the CIELCh color 67, 29.698, 85.102 looks on a white background.

Color Contrast Check

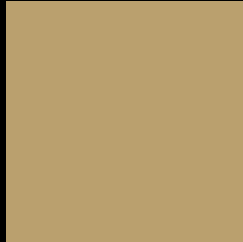
Large Text (above 18pt) WCAG AA × Fail

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, 29.698, 85.102 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, 29.698, 85.102

Background



This preview shows how black text looks on a background with the CIELCh color 67, 29.698, 85.102.



This preview shows how white text looks on a background with the CIELCh color 67, 29.698, 85.102.

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, 29.698, 85.102

Protanopia

67, 29.002, 95.279

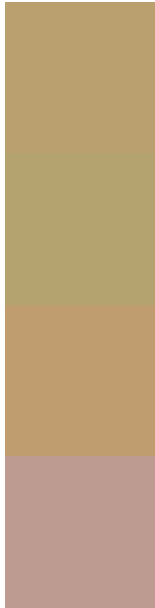
Deuteranopia

67, 30.267, 73.629



Tritanopia
67, 16.466, 357.468

Trichromacy



Original Color
67, 29.698, 85.102

Protanomaly
67, 28.946, 91.781

Deuteranomaly
67, 29.703, 76.862

Tritanomaly
67, 15.286, 41.512

Monochromacy



Original Color
67, 29.698, 85.102

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.688, 87.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 29.698, 85.102 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(186, 160, 110)` looks like.

```
.text, #text, p{  
    color:rgb(186, 160, 110)  
}
```

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(186, 160, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 160, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 29.698, 85.102 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(186, 160, 110) }
```

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

```
.border{ border-color:rgb(186, 160, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 160, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 160, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 160, 110);  
box-shadow:4px 4px 4px 4px rgb(186, 160,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 29.698, 85.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 160, 110) }
```

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

```
.background{ background-color: rgb(186,  
160, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor