

Converting Colors

CIELCh(67, 30.601, 66.116)

Have a look what the booklet for
CIELCh(67, 30.601, 66.116) contains.

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Color

CIELCh(67, 30.825, 66.486)

Conversions

Conversions Part 1

Format	Color
Hex	C99A71
RGB	201, 154, 113
RGB Percent	79%, 60%, 44%
CMY	0.2125, 0.3968, 0.5575
CMYK	0.00, 0.23, 0.44, 0.21
HSL	28°, 45%, 61%
HSV	28°, 44%, 79%
XYZ	38.5331, 36.6320, 20.6124
YIQ	163.3790, 41.1730, -2.7870

Conversions

Conversions Part 2

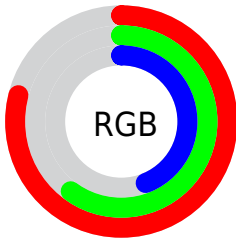
Format	Color
RYB	201, 190, 113
Decimal	13212273
CIELab	67.00, 12.30, 28.27
CIELCh	67, 30.825, 66.486
Yxy	36.6320, 0.4023, 0.3825
Android (android.graphics.Color)	4291402353 (0xFFC99A71)
YUV	163.3790, -24.8368, 32.9936
Hunter-Lab	60.5244, 7.7253, 22.1751

Details

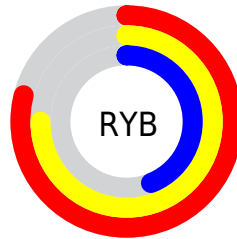
The CIELCh color $67, 30.825, 66.486$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $64, 26.427, 259.284$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 29.627, 68.670$, and $47, 31.037, 66.774$ is the 20% darker color. If you saturate the color by 10%, you get $64, 38.832, 65.320$, and if you desaturate by 10%, it is $70, 23.164, 67.662$.

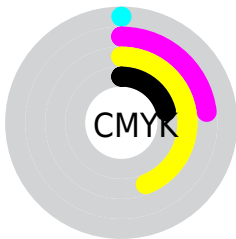
Distribution



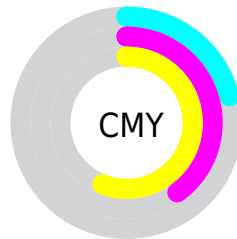
- Red (79%)
- Green (60%)
- Blue (44%)



- Red (79%)
- Yellow (75%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 30.825, 66.486 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, 30.825, 66.486 by changing the saturation by 10% instead.

■ 67, 30.825, 66.486

■ 67, 30.825, 66.486

■ 100, 30.825,
66.486

■ 57, 30.825, 66.486

■ 87, 30.825, 66.486

■ 47, 30.825, 66.486

■ 97, 30.825, 66.486

■ 37, 30.825, 66.486

■ 27, 30.825, 66.486

■ 17, 30.825, 66.486

■ 7, 30.825, 66.486

■ 0, 30.825, 66.486

■ 67, 30.825, 66.486

■ 67, 30.825, 66.486

■ 64, 38.832, 65.320

■ 70, 23.164, 67.662

61, 47.082, 64.125

73, 15.882, 68.834

58, 55.318, 62.835

76, 8.972, 69.994

56, 63.012, 61.286

80, 2.409, 71.043

54, 69.241, 59.160

83, 3.837, 252.462

52, 72.385, 57.645

86, 9.800, 253.525

90, 15.512,
254.604

92, 14.822,
231.332

95, 16.415,
206.869

Harmonies

Complementary

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



67, 30.825, 66.486



64, 26.427, 259.284

Rectangle

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



67, 30.825, 66.486



67, 30.825, 116.486



67, 30.825, 246.486



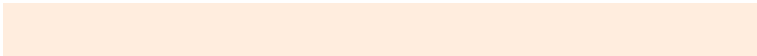
67, 30.825, 296.486

Sweetspot

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



67, 30.825, 66.491



95, 10.235, 70.066



59, 42.271, 345.212



50, 7.204, 69.809



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, 30.825, 66.491



80, 46.425, 65.328



78, 43.574, 103.696



40, 3.613, 70.493



43, 61.825, 58.261



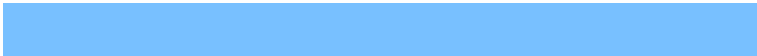
7, 12.963, 53.478

Inverse Universe

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



64, 26.427, 259.284



75, 38.292, 262.010



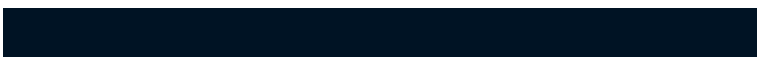
52, 48.389, 294.350



40, 3.517, 252.886



37, 47.857, 280.044



5, 13.475, 267.171

Previews

White Background



This preview shows how the CIELCh color 67, 30.825, 66.486 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 67, 30.825, 66.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

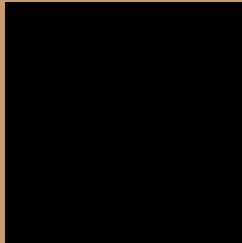
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 30.825, 66.486

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.825, 66.486.



This preview shows how white text looks on a background with the CIELCh color 67, 30.825, 66.486.

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, 30.825, 66.486

Protanopia

67, 25.751, 95.201

Deuteranopia

67, 29.801, 73.147



Tritanopia
67, 23.219, 6.801

Trichromacy



Original Color
67, 30.825, 66.486

Protanomaly
67, 26.997, 84.250

Deuteranomaly
67, 30.200, 70.649

Tritanomaly
67, 22.306, 32.616

Monochromacy



Original Color
67, 30.825, 66.486

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.727, 69.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.825, 66.486 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(201, 154, 113)` looks like.

```
.text, #text, p{  
    color:rgb(201, 154, 113)  
}
```

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(201, 154, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 154, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.825, 66.486 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(201, 154, 113) }
```

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

```
.border{ border-color:rgb(201, 154, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 154, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 154, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 154, 113);  
box-shadow:4px 4px 4px 4px rgb(201, 154,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.825, 66.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 154, 113) }
```

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

```
.background{ background-color: rgb(201,  
154, 113) }
```

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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