

Converting Colors

CIELCh(67, 28.470, 65.294)

Have a look what the booklet for
CIELCh(67, 28.470, 65.294) contains.

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Color

CIELCh(67, 28.481, 65.256)

Conversions

Conversions Part 1

Format	Color
Hex	C79A75
RGB	199, 154, 117
RGB Percent	78%, 60%, 46%
CMY	0.2188, 0.3953, 0.5405
CMYK	0.00, 0.23, 0.41, 0.22
HSL	27°, 42%, 62%
HSV	27°, 41%, 78%
XYZ	38.4154, 36.6320, 21.9315
YIQ	163.2370, 38.6970, -1.9670

Conversions

Conversions Part 2

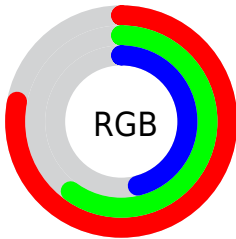
Format	Color
RYB	199, 184, 117
Decimal	13081205
CIELab	67.00, 11.92, 25.87
CIElCh	67, 28.481, 65.256
Yxy	36.6320, 0.3961, 0.3777
Android (android.graphics.Color)	4291271285 (0xFFC79A75)
YUV	163.2370, -22.7948, 31.3642
Hunter-Lab	60.5244, 7.3781, 20.8828

Details

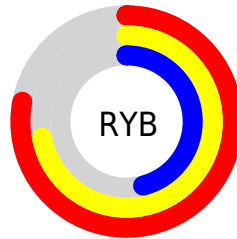
The CIELCh color **67, 28.481, 65.256** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 24.393, 256.846**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 27.973, 66.284**, and **47, 28.509, 65.706** is the 20% darker color. If you saturate the color by 10%, you get **64, 36.376, 64.146**, and if you desaturate by 10%, it is **70, 20.967, 66.387**.

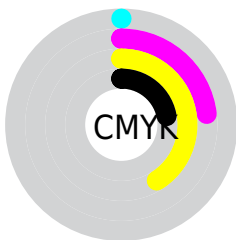
Distribution



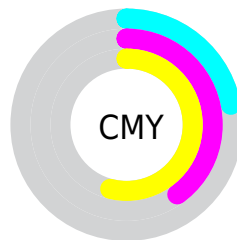
- Red (78%)
- Green (60%)
- Blue (46%)



- Red (78%)
- Yellow (72%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 28.481, 65.256 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, 28.481, 65.256 by changing the saturation by 10% instead.

■ 67, 28.481, 65.256

■ 67, 28.481, 65.256

■ 100, 28.481,
65.256

■ 57, 28.481, 65.256

■ 87, 28.481, 65.256

■ 47, 28.481, 65.256

■ 97, 28.481, 65.256

■ 37, 28.481, 65.256

■ 27, 28.481, 65.256

■ 17, 28.481, 65.256

■ 7, 28.481, 65.256

■ 0, 28.481, 65.256

■ 67, 28.481, 65.256

■ 67, 28.481, 65.256

■ 64, 36.376, 64.146

■ 70, 20.967, 66.387

61, 44.577, 63.024

73, 13.848, 67.518

58, 52.888, 61.843

77, 7.110, 68.634

56, 60.878, 60.468

80, 0.722, 69.268

53, 67.732, 58.619

83, 5.349, 251.025

51, 72.462, 56.544

87, 11.137,
252.083

90, 16.044,
251.124

93, 15.347,
225.467

96, 17.551,
202.433

Harmonies

Complementary

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



67, 28.481, 65.256



65, 24.393, 256.846

Rectangle

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



67, 28.481, 65.256



67, 28.481, 115.256



67, 28.481, 245.256



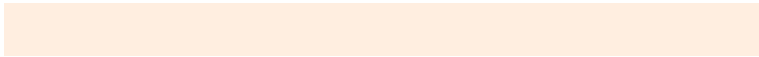
67, 28.481, 295.256

Sweetspot

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



67, 28.481, 65.262



95, 9.355, 68.525



59, 39.561, 344.893



50, 6.228, 68.378



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, 28.481, 65.262



81, 42.397, 64.309



78, 40.801, 103.958



40, 3.586, 68.828



42, 62.255, 57.137



7, 12.984, 51.832

Inverse Universe

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



65, 24.393, 256.846



78, 35.011, 259.039



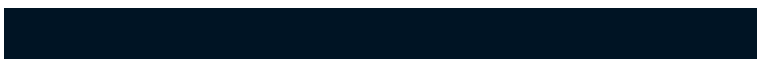
54, 44.933, 293.839



40, 3.483, 251.176



38, 46.447, 278.363



6, 13.244, 265.675

Previews

White Background



This preview shows how the CIELCh color 67, 28.481, 65.256 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, 28.481, 65.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

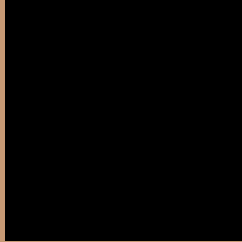
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 28.481, 65.256

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.481, 65.256.



This preview shows how white text looks on a background with the CIELCh color 67, 28.481, 65.256.

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, 28.481, 65.256

Protanopia

67, 23.541, 95.405

Deuteranopia

67, 27.227, 71.157



Tritanopia
67, 22.545, 4.809

Trichromacy



Original Color
67, 28.481, 65.256

Protanomaly
67, 24.296, 83.122

Deuteranomaly
67, 27.667, 68.468

Tritanomaly
67, 21.576, 30.053

Monochromacy



Original Color
67, 28.481, 65.256

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.030, 69.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.481, 65.256 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(199, 154, 117)` looks like.

```
.text, #text, p{  
    color:rgb(199, 154, 117)  
}
```

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(199, 154, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 154, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.481, 65.256 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(199, 154, 117) }
```

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

```
.border{ border-color:rgb(199, 154, 117) }
```

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

Here you see how a box with a 4 pixel rgb(199, 154, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 154, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 154, 117);  
box-shadow:4px 4px 4px 4px rgb(199, 154,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.481, 65.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 154, 117) }
```

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

```
.background{ background-color: rgb(199,  
154, 117) }
```

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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