

Converting Colors

CIELCh(67, 35.244, 50.754)

Have a look what the booklet for
CIELCh(67, 35.244, 50.754) contains.

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Color

CIELCh(67, 35.428, 50.821)

Conversions

Conversions Part 1

Format	Color
Hex	D89373
RGB	216, 147, 115
RGB Percent	85%, 58%, 45%
CMY	0.1536, 0.4241, 0.5496
CMYK	0.00, 0.32, 0.47, 0.15
HSL	19°, 56%, 65%
HSV	19°, 47%, 85%
XYZ	41.7695, 36.6320, 21.0475
YIQ	163.9830, 51.3960, 4.6760

Conversions

Conversions Part 2

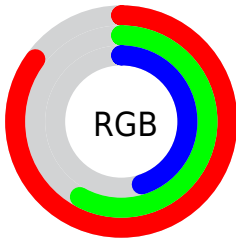
Format	Color
R _Y B	216, 162, 115
Decimal	14193523
CIE Lab	67.00, 22.38, 27.46
CIE LCh	67, 35.428, 50.821
Yxy	36.6320, 0.4200, 0.3683
Android (android.graphics.Color)	4292383603 (0xFFD89373)
YUV	163.9830, -24.1486, 45.6189
Hunter-Lab	60.5244, 17.2701, 21.7488

Details

The CIELCh color **67, 35.428, 50.821** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 26.435, 239.883**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 28.391, 58.928**, and **47, 35.400, 51.340** is the 20% darker color. If you saturate the color by 10%, you get **63, 44.609, 50.486**, and if you desaturate by 10%, it is **71, 26.813, 51.272**.

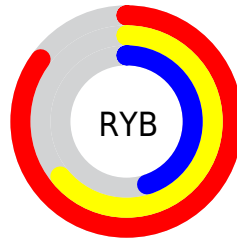
Distribution



Red (85%)

Green (58%)

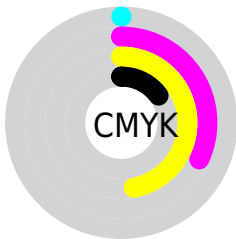
Blue (45%)



Red (85%)

Yellow (64%)

Blue (45%)

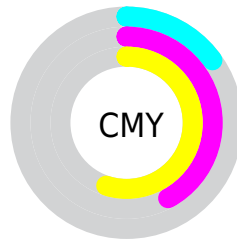


Cyan (0%)

Magenta (32%)

Yellow (47%)

Black (15%)



Cyan (15%)

Magenta (42%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 35.428, 50.821 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, 35.428, 50.821 by changing the saturation by 10% instead.

67, 35.428, 50.821

67, 35.428, 50.821

100, 35.428,
50.821

57, 35.428, 50.821

87, 35.428, 50.821

47, 35.428, 50.821

97, 35.428, 50.821

37, 35.428, 50.821

27, 35.428, 50.821

17, 35.428, 50.821

7, 35.428, 50.821

0, 35.428, 50.821

67, 35.428, 50.821

67, 35.428, 50.821

63, 44.609, 50.486

71, 26.813, 51.272

60, 54.246, 50.234

75, 18.790, 51.813

57, 64.039, 49.980

79, 11.339, 52.426

54, 73.301, 49.486

83, 4.415, 53.044

51, 80.759, 48.275

88, 2.029, 234.156

50, 82.926, 47.910

92, 8.048, 234.720

96, 11.695,
211.276

97, 13.143,
198.628

Harmonies

Complementary

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



67, 35.428, 50.821



71, 26.435, 239.883

Rectangle

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



67, 35.428, 50.821



67, 35.428, 100.821



67, 35.428, 230.821



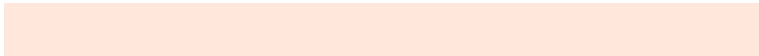
67, 35.428, 280.821

Sweetspot

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



67, 35.427, 50.826



93, 10.722, 52.595



62, 51.774, 338.671



49, 7.463, 52.456



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, 35.427, 50.826



74, 50.321, 50.493



80, 43.732, 95.910



43, 3.708, 52.892



40, 69.253, 48.464



7, 18.154, 39.268

Inverse Universe

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



71, 26.435, 239.883



80, 34.881, 242.231



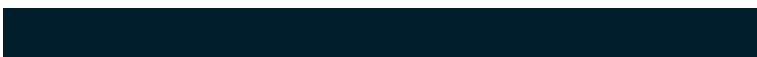
58, 46.984, 288.932



43, 3.532, 234.517



46, 37.178, 258.877



10, 13.407, 247.810

Previews

White Background



This preview shows how the CIELCh color 67, 35.428, 50.821 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, 35.428, 50.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

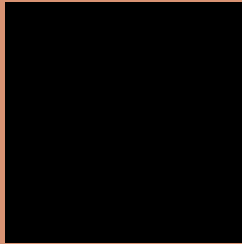
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 35.428, 50.821

Background



This preview shows how black text looks on a background with the CIELCh color 67, 35.428, 50.821.



This preview shows how white text looks on a background with the CIELCh color 67, 35.428, 50.821.

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





Tritanopia
67, 31.282, 12.729

Trichromacy



Original Color
67, 35.428, 50.821

Protanomaly
67, 25.410, 74.347

Deuteranomaly
67, 30.963, 63.601

Tritanomaly
67, 31.030, 28.362

Monochromacy



Original Color
67, 35.428, 50.821

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 12.077, 53.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 35.428, 50.821 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(216, 147, 115)` looks like.

```
.text, #text, p{  
    color:rgb(216, 147, 115)  
}
```

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(216, 147, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 147, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 35.428, 50.821 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(216, 147, 115) }
```

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

```
.border{ border-color:rgb(216, 147, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 147, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 147, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 147, 115);  
box-shadow:4px 4px 4px 4px rgb(216, 147,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 35.428, 50.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 147, 115) }
```

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

```
.background{ background-color: rgb(216,  
147, 115) }
```

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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