

Converting Colors

CIELCh(67, 44.476, 69.500)

Have a look what the booklet for
CIELCh(67, 44.476, 69.500) contains.

CIELCh(67, 44.590, 69.256)	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, 44.590, 69.256)

Conversions

Conversions Part 1

Format	Color
Hex	D39758
RGB	211, 151, 88
RGB Percent	83%, 59%, 35%
CMY	0.1730, 0.4082, 0.6553
CMYK	0.00, 0.28, 0.58, 0.17
HSL	31°, 58%, 59%
HSV	31°, 58%, 83%
XYZ	39.6353, 36.6320, 14.1918
YIQ	161.7580, 55.9830, -6.8730

Conversions

Conversions Part 2

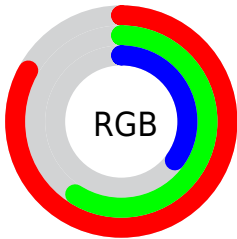
Format	Color
R _Y B	205, 211, 88
Decimal	13866840
CIE Lab	67.00, 15.79, 41.70
CIE LCh	67, 44.590, 69.256
Yxy	36.6320, 0.4382, 0.4050
Android (android.graphics.Color)	4292056920 (0xFFD39758)
YUV	161.7580, -36.3627, 43.1852
Hunter-Lab	60.5244, 10.9758, 28.4647

Details

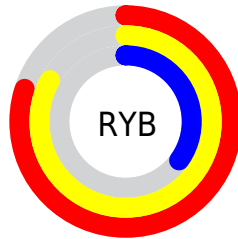
The CIELCh color **67, 44.590, 69.256** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **60, 38.182, 268.777**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 40.610, 76.399**, and **47, 44.715, 69.277** is the 20% darker color. If you saturate the color by 10%, you get **64, 52.977, 67.856**, and if you desaturate by 10%, it is **70, 36.241, 70.591**.

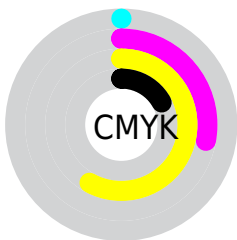
Distribution



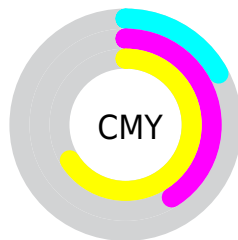
- Red (83%)
- Green (59%)
- Blue (35%)



- Red (80%)
- Yellow (83%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (58%)
- Black (17%)



- Cyan (17%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 44.590, 69.256 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, 44.590, 69.256 by changing the saturation by 10% instead.

67, 44.590, 69.256

67, 44.590, 69.256

100, 44.590,
69.256

57, 44.590, 69.256

87, 44.590, 69.256

47, 44.590, 69.256

97, 44.590, 69.256

37, 44.590, 69.256

27, 44.590, 69.256

17, 44.590, 69.256

7, 44.590, 69.256

0, 44.590, 69.256

67, 44.590, 69.256

67, 44.590, 69.256

64, 52.977, 67.856

70, 36.241, 70.591

62, 60.996, 66.275

73, 28.125, 71.892

59, 67.896, 64.303

76, 20.321, 73.175

57, 72.835, 61.680

79, 12.850, 74.437

57, 73.625, 61.253

82, 5.704, 75.652

85, 1.139, 257.269

88, 7.707, 258.181

91, 13.347,
257.291

94, 12.231,
228.003

Harmonies

Complementary

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



67, 44.590, 69.256



60, 38.182, 268.777

Rectangle

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



67, 44.590, 69.256



67, 44.590, 119.256



67, 44.590, 249.256



67, 44.590, 299.256

Sweetspot

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



67, 44.590, 69.260



94, 13.878, 74.578



55, 55.520, 350.375



49, 9.325, 74.324



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, 44.590, 69.260



76, 63.469, 67.492



82, 61.402, 104.760



42, 3.874, 75.525



46, 62.062, 61.893



9, 15.710, 60.150

Inverse Universe

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



60, 38.182, 268.777



66, 53.046, 273.163



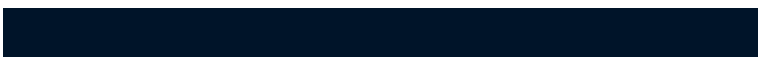
44, 72.937, 299.243



42, 3.797, 258.026



36, 53.840, 284.920



6, 16.472, 273.156

Previews

White Background



This preview shows how the CIELCh color 67, 44.590, 69.256 looks on a white background.

Color Contrast Check

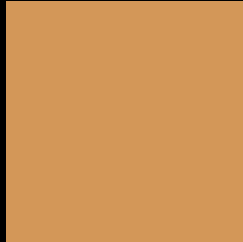
Large Text (above 18pt) WCAG AA × Fail

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, 44.590, 69.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

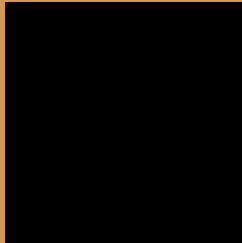
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 44.590, 69.256

Background



This preview shows how black text looks on a background with the CIELCh color 67, 44.590, 69.256.



This preview shows how white text looks on a background with the CIELCh color 67, 44.590, 69.256.

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, 44.590, 69.256

Protanopia

67, 38.970, 95.725

Deuteranopia

67, 42.802, 78.735



Tritanopia
67, 29.671, 10.917

Trichromacy



Original Color
67, 44.590, 69.256

Protanomaly
67, 39.750, 85.305

Deuteranomaly
67, 43.435, 75.136

Tritanomaly
67, 30.345, 38.521

Monochromacy



Original Color
67, 44.590, 69.256

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 15.634, 73.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 44.590, 69.256 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(211, 151, 88)` looks like.

```
.text, #text, p{  
    color:rgb(211, 151, 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(211, 151, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 151, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 44.590, 69.256 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(211, 151, 88) }
```

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

```
.border{ border-color:rgb(211, 151, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 151, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 151, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 151, 88);  
box-shadow:4px 4px 4px 4px rgb(211, 151,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 44.590, 69.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 151, 88) }
```

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

```
.background{ background-color: rgb(211,  
151, 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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