

Converting Colors

CIELCh(67, 44.576, 69.828)

Have a look what the booklet for
CIELCh(67, 44.576, 69.828) contains.

CIELCh(67, 44.293, 69.689)	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, 44.293, 69.689)

Conversions

Conversions Part 1

Format	Color
Hex	D29758
RGB	210, 151, 88
RGB Percent	82%, 59%, 35%
CMY	0.1757, 0.4071, 0.6542
CMYK	0.00, 0.28, 0.58, 0.18
HSL	31°, 58%, 59%
HSV	31°, 58%, 82%
XYZ	39.5022, 36.6320, 14.2592
YIQ	161.4590, 55.3870, -7.0850

Conversions

Conversions Part 2

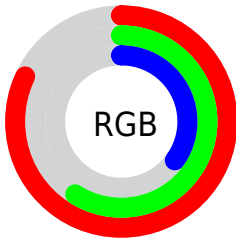
Format	Color
R _Y B	202, 210, 88
Decimal	13801304
CIE Lab	67.00, 15.37, 41.54
CIE LCh	67, 44.293, 69.689
Yxy	36.6320, 0.4370, 0.4053
Android (android.graphics.Color)	4291991384 (0xFFD29758)
YUV	161.4590, -36.2153, 42.5705
Hunter-Lab	60.5244, 10.5832, 28.3986

Details

The CIELCh color **67, 44.293, 69.689** 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, 38.134, 269.130**, 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, 44.397, 69.745** is the 20% darker color. If you saturate the color by 10%, you get **64, 52.642, 68.280**, and if you desaturate by 10%, it is **70, 35.978, 71.033**.

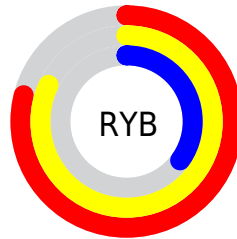
Distribution



Red (82%)

Green (59%)

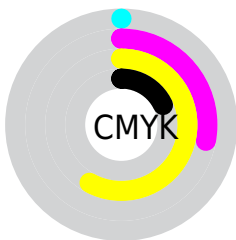
Blue (35%)



Red (79%)

Yellow (82%)

Blue (35%)

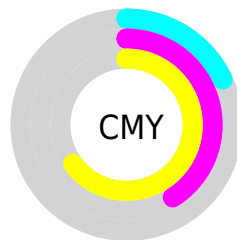


Cyan (0%)

Magenta (28%)

Yellow (58%)

Black (18%)



Cyan (18%)

Magenta (41%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 44.293, 69.689 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, 44.293, 69.689 by changing the saturation by 10% instead.

67, 44.293, 69.689

67, 44.293, 69.689

100, 44.293,
69.689

57, 44.293, 69.689

87, 44.293, 69.689

47, 44.293, 69.689

97, 44.293, 69.689

37, 44.293, 69.689

27, 44.293, 69.689

17, 44.293, 69.689

7, 44.293, 69.689

0, 44.293, 69.689

67, 44.293, 69.689

67, 44.293, 69.689

64, 52.642, 68.280

70, 35.978, 71.033

62, 60.627, 66.694

73, 27.892, 72.342

59, 67.509, 64.725

76, 20.110, 73.631

57, 72.427, 62.106

79, 12.656, 74.898

57, 73.328, 61.607

82, 5.521, 76.116

85, 1.318, 257.690

88, 7.885, 258.649

91, 13.634,
258.140

94, 12.382,
229.789

Harmonies

Complementary

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



67, 44.293, 69.689



60, 38.134, 269.130

Rectangle

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



67, 44.293, 69.689



67, 44.293, 119.689



67, 44.293, 249.689



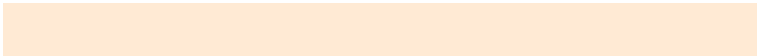
67, 44.293, 299.689

Sweetspot

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



67, 44.293, 69.693



94, 13.914, 75.006



55, 55.165, 350.326



49, 9.349, 74.752



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, 44.293, 69.693



76, 63.487, 67.872



82, 61.006, 104.782



42, 3.885, 75.958



46, 61.968, 62.238



9, 15.715, 60.662

Inverse Universe

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



60, 38.134, 269.130



66, 53.392, 273.596



44, 72.383, 299.183



42, 3.811, 258.464



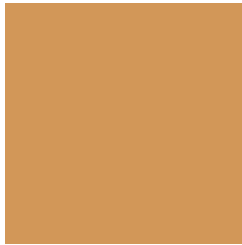
36, 54.278, 285.306



6, 16.562, 273.514

Previews

White Background



This preview shows how the CIELCh color 67, 44.293, 69.689 looks on a white background.

Color Contrast Check

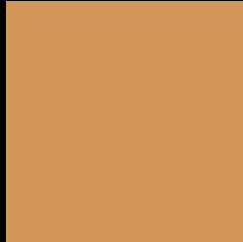
Large Text (above 18pt) WCAG AA × Fail

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, 44.293, 69.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

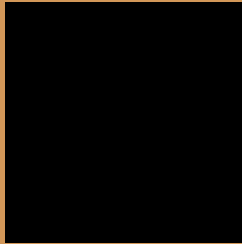
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 44.293, 69.689

Background



This preview shows how black text looks on a background with the CIELCh color 67, 44.293, 69.689.



This preview shows how white text looks on a background with the CIELCh color 67, 44.293, 69.689.

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, 44.293, 69.689

Protanopia

67, 38.970, 95.725

Deuteranopia

67, 42.802, 78.735



Tritanopia
67, 29.274, 10.707

Trichromacy



Original Color
67, 44.293, 69.689

Protanomaly
67, 39.576, 85.900

Deuteranomaly
67, 43.435, 75.136

Tritanomaly
67, 29.931, 38.725

Monochromacy



Original Color
67, 44.293, 69.689

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, 44.293, 69.689 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(210, 151, 88)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 151, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 151, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 44.293, 69.689 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(210, 151, 88) }
```

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

```
.border{ border-color:rgb(210, 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(210, 151, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 151, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 151, 88);  
box-shadow:4px 4px 4px 4px rgb(210, 151,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 44.293, 69.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 151, 88) }
```

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

```
.background{ background-color: rgb(210,  
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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