

Converting Colors

CIELCh(68, 44.450, 67.431)

Have a look what the booklet for
CIELCh(68, 44.450, 67.431) contains.

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Color

CIELCh(68, 44.511, 67.399)

Conversions

Conversions Part 1

Format	Color
Hex	D8995C
RGB	216, 153, 92
RGB Percent	85%, 60%, 36%
CMY	0.1545, 0.4014, 0.6405
CMYK	0.00, 0.29, 0.57, 0.15
HSL	30°, 61%, 60%
HSV	30°, 57%, 85%
XYZ	41.4522, 37.9720, 15.1930
YIQ	164.8830, 57.1290, -5.6150

Conversions

Conversions Part 2

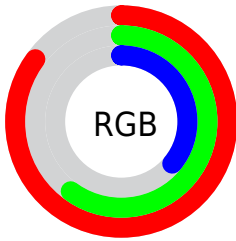
Format	Color
R _Y B	216, 212, 92
Decimal	14195036
CIE Lab	68.00, 17.11, 41.09
CIE LCh	68, 44.511, 67.399
Yxy	37.9720, 0.4381, 0.4013
Android (android.graphics.Color)	4292385116 (0xFFD8995C)
YUV	164.8830, -35.9313, 44.8296
Hunter-Lab	61.6215, 12.2378, 28.5168

Details

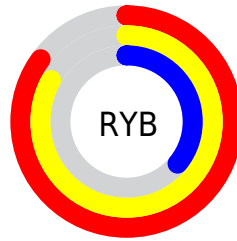
The CIELCh color **68, 44.511, 67.399** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **62, 37.298, 266.296**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 38.711, 76.543**, and **48, 44.735, 67.482** is the 20% darker color. If you saturate the color by 10%, you get **65, 53.155, 66.072**, and if you desaturate by 10%, it is **71, 35.977, 68.675**.

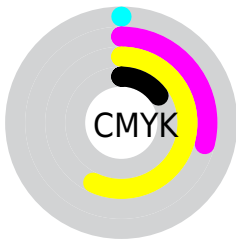
Distribution



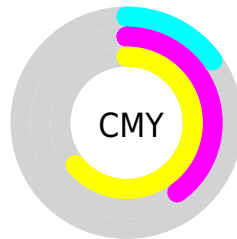
- Red (85%)
- Green (60%)
- Blue (36%)



- Red (85%)
- Yellow (83%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (57%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 44.511, 67.399 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 68, 44.511, 67.399 by changing the saturation by 10% instead.

68, 44.511, 67.399

68, 44.511, 67.399

100, 44.511,
67.399

58, 44.511, 67.399

88, 44.511, 67.399

48, 44.511, 67.399

98, 44.511, 67.399

38, 44.511, 67.399

28, 44.511, 67.399

18, 44.511, 67.399

8, 44.511, 67.399

0, 44.511, 67.399

68, 44.511, 67.399

68, 44.511, 67.399

65, 53.155, 66.072

71, 35.977, 68.675

62, 61.528, 64.581

74, 27.732, 69.927

60, 68.896, 62.718

77, 19.841, 71.170

58, 74.278, 60.167

80, 12.317, 72.398

57, 75.518, 59.526

84, 5.145, 73.578

87, 1.702, 255.089

90, 8.254, 256.076

94, 11.074,
242.513

96, 12.052,
208.021

Harmonies

Complementary

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



68, 44.511, 67.399



62, 37.298, 266.296

Rectangle

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



68, 44.511, 67.399



68, 44.511, 117.399



68, 44.511, 247.399



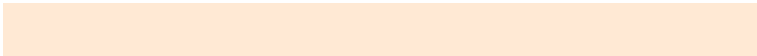
68, 44.511, 297.399

Sweetspot

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



68, 44.510, 67.403



94, 13.713, 72.437



57, 56.290, 349.181



49, 9.217, 72.190



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 44.510, 67.403



75, 62.447, 65.767



84, 60.893, 104.032



43, 3.900, 73.359



46, 63.275, 60.180



10, 17.038, 58.309

Inverse Universe

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



62, 37.298, 266.296



67, 50.701, 270.570



46, 71.795, 298.512



43, 3.811, 255.833



37, 52.354, 282.994



7, 16.999, 272.134

Previews

White Background



This preview shows how the CIELCh color 68, 44.511, 67.399 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 68, 44.511, 67.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

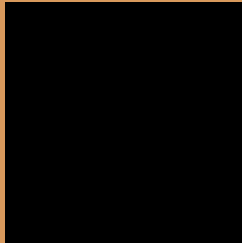
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 44.511, 67.399

Background



This preview shows how black text looks on a background with the CIELCh color 68, 44.511, 67.399.



This preview shows how white text looks on a background with the CIELCh color 68, 44.511, 67.399.

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

68, 44.511, 67.399

Protanopia

68, 38.364, 95.744

Deuteranopia

68, 42.471, 78.055



Tritanopia
68, 30.790, 11.472

Trichromacy



Original Color
68, 44.511, 67.399

Protanomaly
68, 39.359, 84.592

Deuteranomaly
68, 42.941, 73.687

Tritanomaly
68, 31.261, 37.043

Monochromacy



Original Color
68, 44.511, 67.399

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 15.573, 73.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 44.511, 67.399 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, 153, 92)` looks like.

```
.text, #text, p{  
    color:rgb(216, 153, 92)  
}
```

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, 153, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 153, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 44.511, 67.399 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, 153, 92) }
```

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

```
.border{ border-color:rgb(216, 153, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 153, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 153, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 153, 92);  
box-shadow:4px 4px 4px 4px rgb(216, 153,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 44.511, 67.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 153, 92) }
```

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

```
.background{ background-color: rgb(216,  
153, 92) }
```

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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