

Converting Colors

CIELCh(68, 38.741, 44.449)

Have a look what the booklet for
CIELCh(68, 38.741, 44.449) contains.

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Color

CIELCh(68, 38.555, 45.175)

Conversions

Conversions Part 1

Format	Color
Hex	E29276
RGB	226, 146, 118
RGB Percent	89%, 57%, 46%
CMY	0.1143, 0.4279, 0.5377
CMYK	0.00, 0.35, 0.48, 0.11
HSL	16°, 65%, 67%
HSV	16°, 48%, 89%
XYZ	44.8444, 37.9720, 22.0690
YIQ	166.7280, 56.6680, 8.2520

Conversions

Conversions Part 2

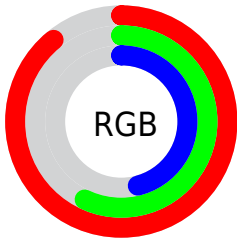
Format	Color
R _Y B	226, 156, 118
Decimal	14848630
CIE Lab	68.00, 27.18, 27.35
CIE LCh	68, 38.555, 45.175
Yxy	37.9720, 0.4276, 0.3620
Android (android.graphics.Color)	4293038710 (0xFFE29276)
YUV	166.7280, -24.0229, 51.9815
Hunter-Lab	61.6215, 22.0639, 21.9010

Details

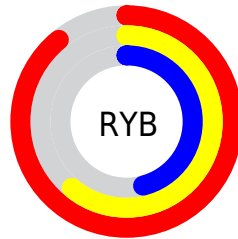
The CIELCh color **68, 38.555, 45.175** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76, 27.525, 231.495**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 27.334, 55.365**, and **48, 38.755, 45.583** is the 20% darker color. If you saturate the color by 10%, you get **64, 48.449, 45.295**, and if you desaturate by 10%, it is **72, 29.284, 45.227**.

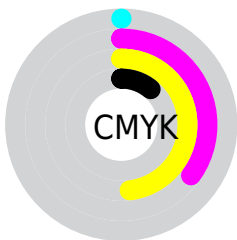
Distribution



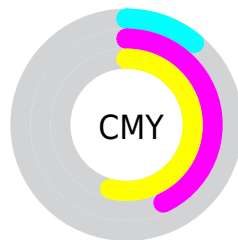
- Red (89%)
- Green (57%)
- Blue (46%)



- Red (89%)
- Yellow (61%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (48%)
- Black (11%)



- Cyan (11%)
- Magenta (43%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 38.555, 45.175 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, 38.555, 45.175 by changing the saturation by 10% instead.

 68, 38.555, 45.175

 68, 38.555, 45.175

 100, 38.555,
45.175

 58, 38.555, 45.175

 88, 38.555, 45.175

 48, 38.555, 45.175

 98, 38.555, 45.175

 38, 38.555, 45.175

 28, 38.555, 45.175

 18, 38.555, 45.175

 8, 38.555, 45.175

 0, 38.555, 45.175

 68, 38.555, 45.175

 68, 38.555, 45.175

 64, 48.449, 45.295

 72, 29.284, 45.227

60, 58.834, 45.562

77, 20.677, 45.419

57, 69.360, 45.886

81, 12.715, 45.721

54, 79.225, 45.986

86, 5.357, 46.073

51, 86.978, 45.338

91, 1.453, 227.056

51, 88.518, 45.236

96, 7.773, 227.265

98, 9.888, 198.848

Harmonies

Complementary

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



68, 38.555, 45.175



76, 27.525, 231.495

Rectangle

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



68, 38.555, 45.175



68, 38.555, 95.175



68, 38.555, 225.175



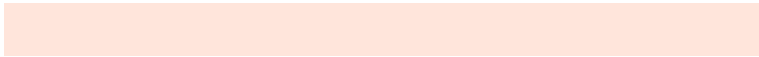
68, 38.555, 275.175

Sweetspot

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



68, 38.553, 45.180



93, 10.868, 45.853



64, 57.236, 335.775



48, 7.568, 45.775



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, 38.553, 45.180



72, 52.631, 45.287



81, 43.835, 91.239



45, 3.901, 46.019



40, 73.006, 45.728



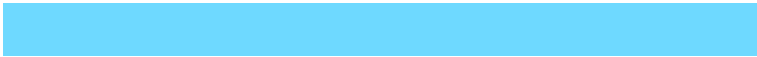
8, 21.517, 36.416

Inverse Universe

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



76, 27.525, 231.495



82, 34.580, 233.439



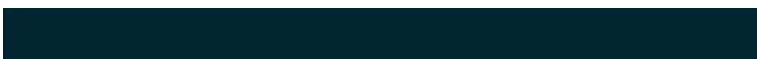
61, 45.787, 285.420



46, 3.693, 227.178



51, 34.973, 247.971



12, 13.798, 239.117

Previews

White Background



This preview shows how the CIELCh color 68, 38.555, 45.175 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 CIE LCh color 68, 38.555, 45.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

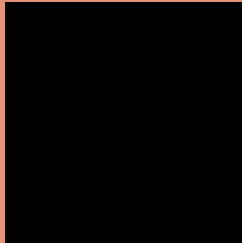
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 38.555, 45.175

Background



This preview shows how black text looks on a background with the CIELCh color 68, 38.555, 45.175.

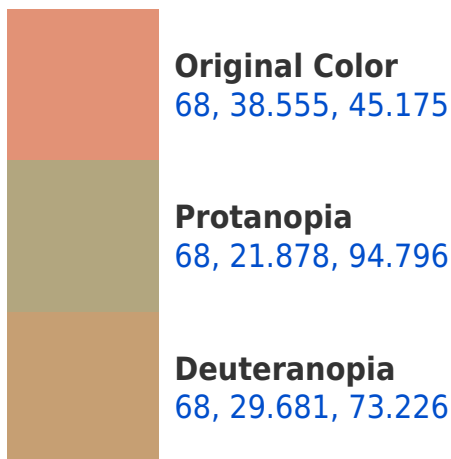


This preview shows how white text looks on a background with the CIELCh color 68, 38.555, 45.175.

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
68, 35.734, 13.663

Trichromacy



Original Color
68, 38.555, 45.175

Protanomaly
68, 24.756, 70.182

Deuteranomaly
68, 31.828, 60.926

Tritanomaly
68, 35.304, 25.502

Monochromacy



Original Color
68, 38.555, 45.175

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.914, 45.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 38.555, 45.175 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(226, 146, 118)` looks like.

```
.text, #text, p{  
    color:rgb(226, 146, 118)  
}
```

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(226, 146, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 146, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 38.555, 45.175 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(226, 146, 118) }
```

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

```
.border{ border-color:rgb(226, 146, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 146, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 146, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 146, 118);  
box-shadow:4px 4px 4px 4px rgb(226, 146,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 38.555, 45.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 146, 118) }
```

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

```
.background{ background-color: rgb(226,  
146, 118) }
```

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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