

Converting Colors

CIELCh(69, 45.950, 56.628)

Have a look what the booklet for
CIELCh(69, 45.950, 56.628) contains.

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Color

CIELCh(69, 46.035, 56.206)

Conversions

Conversions Part 1	
Format	Color
Hex	E69564
RGB	230, 149, 100
RGB Percent	90%, 58%, 39%
CMY	0.0971, 0.4149, 0.6071
CMYK	0.00, 0.35, 0.56, 0.10
HSL	23°, 72%, 65%
HSV	23°, 56%, 90%
XYZ	45.7968, 39.3444, 17.2859
YIQ	167.6330, 64.0050, 1.9330

Conversions

Conversions Part 2

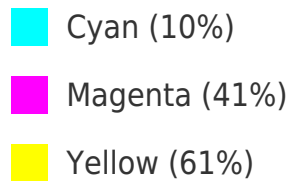
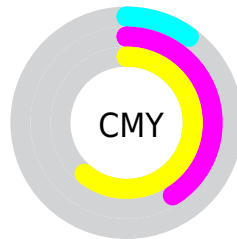
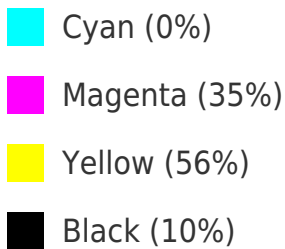
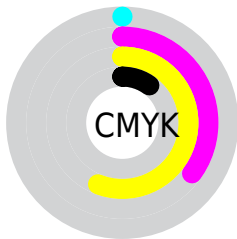
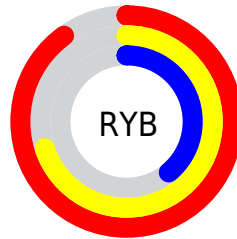
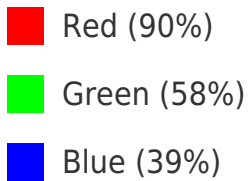
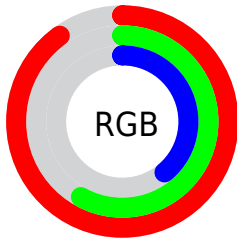
Format	Color
RYB	230, 179, 100
Decimal	15111524
CIELab	69.00, 25.61, 38.26
CIELCh	69, 46.035, 56.206
Yxy	39.3444, 0.4471, 0.3841
Android (android.graphics.Color)	4293301604 (0xFFE69564)
YUV	167.6330, -33.3431, 54.6959
Hunter-Lab	62.7251, 20.5572, 27.5684

Details

The CIELCh color **69, 46.035, 56.206** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **71, 33.857, 251.223**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 34.680, 70.818**, and **49, 45.969, 56.225** is the 20% darker color. If you saturate the color by 10%, you get **66, 55.813, 55.496**, and if you desaturate by 10%, it is **73, 36.651, 56.952**.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 46.035, 56.206 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 69, 46.035, 56.206 by changing the saturation by 10% instead.

 69, 46.035, 56.206

 69, 46.035, 56.206

 100, 46.035,
56.206

 59, 46.035, 56.206

 89, 46.035, 56.206

 49, 46.035, 56.206

 99, 46.035, 56.206

 39, 46.035, 56.206

 29, 46.035, 56.206

 19, 46.035, 56.206

 9, 46.035, 56.206

 0, 46.035, 56.206

 69, 46.035, 56.206

 69, 46.035, 56.206

 66, 55.813, 55.496

 73, 36.651, 56.952

 62, 65.659, 54.715

 77, 27.793, 57.750

 59, 74.845, 53.633

 80, 19.490, 58.602

 57, 82.088, 51.802

 85, 11.725, 59.491

 56, 84.307, 51.120

 89, 4.459, 60.357

 93, 2.356, 241.642

 97, 7.105, 221.926

 98, 8.444, 198.950

Harmonies

Complementary

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



69, 46.035, 56.206



71, 33.857, 251.223

Rectangle

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



69, 46.035, 56.206



69, 46.035, 106.206



69, 46.035, 236.206



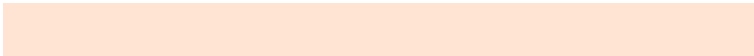
69, 46.035, 286.206

Sweetspot

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



69, 46.034, 56.210



92, 13.166, 59.436



61, 62.396, 342.256



48, 8.867, 59.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 46.034, 56.210



71, 62.328, 55.357



85, 57.396, 97.838



46, 3.937, 60.113



44, 69.294, 51.755



10, 21.464, 47.669

Inverse Universe

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



71, 33.857, 251.223



73, 42.654, 255.230



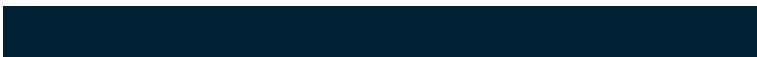
53, 64.822, 293.711



46, 3.779, 242.157



45, 42.977, 268.896



11, 16.198, 259.412

Previews

White Background



This preview shows how the CIELCh color 69, 46.035, 56.206 looks on a white background.

Color Contrast Check

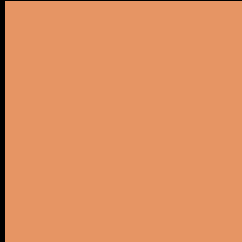
Large Text (above 18pt) WCAG AA × Fail

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 69, 46.035, 56.206 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 69, 46.035, 56.206

Background



This preview shows how black text looks on a background with the CIELCh color 69, 46.035, 56.206.



This preview shows how white text looks on a background with the CIELCh color 69, 46.035, 56.206.

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

69, 46.035, 56.206

Protanopia

69, 33.582, 95.734

Deuteranopia

69, 39.751, 77.373

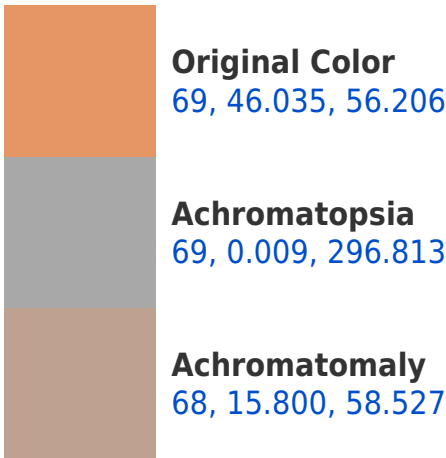


Tritanopia
69, 36.861, 14.904

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 46.035, 56.206 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(230, 149, 100)` looks like.

```
.text, #text, p{  
    color:rgb(230, 149, 100)  
}
```

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(230, 149, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 149, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 46.035, 56.206 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(230, 149, 100) }
```

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

```
.border{ border-color:rgb(230, 149, 100) }
```

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

Here you see how a box with a 4 pixel rgb(230, 149, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 149, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 149, 100);  
box-shadow:4px 4px 4px 4px rgb(230, 149,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 46.035, 56.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 149, 100) }
```

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

```
.background{ background-color: rgb(230,  
149, 100) }
```

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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