

Converting Colors

CIELCh(69, 45.649, 38.821)

Have a look what the booklet for
CIELCh(69, 45.649, 38.821) contains.

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Color

CIELCh(69, 45.656, 38.819)

Conversions

Conversions Part 1

Format	Color
Hex	F28E77
RGB	242, 142, 119
RGB Percent	95%, 56%, 47%
CMY	0.0528, 0.4447, 0.5348
CMYK	0.00, 0.41, 0.51, 0.05
HSL	11°, 82%, 71%
HSV	11°, 51%, 95%
XYZ	49.3797, 39.3444, 22.3235
YIQ	169.2780, 66.9830, 14.0470

Conversions

Conversions Part 2

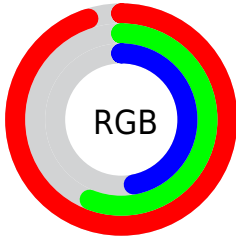
Format	Color
R _Y B	242, 147, 119
Decimal	15896183
CIE Lab	69.00, 35.57, 28.62
CIE LCh	69, 45.656, 38.819
Yxy	39.3444, 0.4447, 0.3543
Android (android.graphics.Color)	4294086263 (0xFFFF28E77)
YUV	169.2780, -24.7871, 63.7772
Hunter-Lab	62.7251, 30.7534, 22.8066

Details

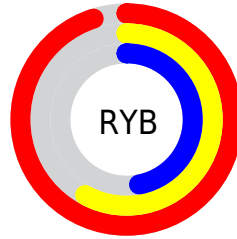
The CIELCh color **69, 45.656, 38.819** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82, 30.803, 221.152**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 27.167, 50.654**, and **49, 45.690, 38.954** is the 20% darker color. If you saturate the color by 10%, you get **65, 56.703, 39.625**, and if you desaturate by 10%, it is **74, 35.231, 38.275**.

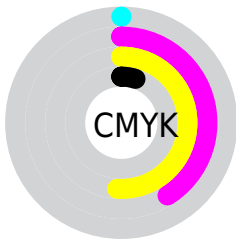
Distribution



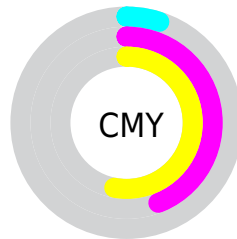
- Red (95%)
- Green (56%)
- Blue (47%)



- Red (95%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 45.656, 38.819 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, 45.656, 38.819 by changing the saturation by 10% instead.

 69, 45.656, 38.819

 69, 45.656, 38.819

 100, 45.656,
38.819

 59, 45.656, 38.819

 89, 45.656, 38.819

 49, 45.656, 38.819

 99, 45.656, 38.819

 39, 45.656, 38.819

 29, 45.656, 38.819

 19, 45.656, 38.819

 9, 45.656, 38.819

 0, 45.656, 38.819

 69, 45.656, 38.819

 69, 45.656, 38.819

 65, 56.703, 39.625

 74, 35.231, 38.275

61, 68.151, 40.669

79, 25.524, 37.950

57, 79.482, 41.819

84, 16.547, 37.802

54, 89.542, 42.651

89, 8.273, 37.774

53, 96.263, 42.736

95, 0.648, 36.998

99, 4.639, 199.254

Harmonies

Complementary

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



69, 45.656, 38.819



82, 30.803, 221.152

Rectangle

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



69, 45.656, 38.819



69, 45.656, 88.819



69, 45.656, 218.819



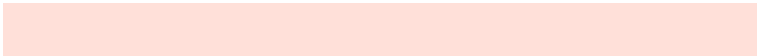
69, 45.656, 268.819

Sweetspot

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



69, 45.654, 38.823



91, 12.114, 37.776



67, 66.791, 333.295



48, 8.338, 37.782



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, 45.654, 38.823



68, 59.417, 39.652



83, 46.856, 85.679



47, 4.264, 37.773



40, 77.940, 43.125



10, 26.395, 34.280

Inverse Universe

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



82, 30.803, 221.152



84, 36.302, 222.687



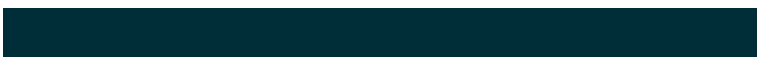
65, 47.234, 281.841



49, 4.016, 218.285



57, 34.147, 232.706



17, 14.851, 227.034

Previews

White Background



This preview shows how the CIELCh color 69, 45.656, 38.819 looks on a white background.

Color Contrast Check

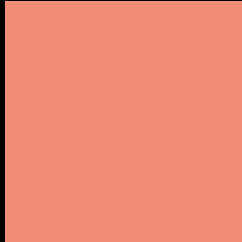
Large Text (above 18pt) WCAG AA × Fail

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 69, 45.656, 38.819 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, 45.656, 38.819

Background



This preview shows how black text looks on a background with the CIELCh color 69, 45.656, 38.819.



This preview shows how white text looks on a background with the CIELCh color 69, 45.656, 38.819.

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
69, 43.122, 16.941

Trichromacy



Original Color
69, 45.656, 38.819

Protanomaly
69, 25.969, 63.844

Deuteranomaly
69, 34.589, 58.331

Tritanomaly
69, 43.338, 25.221

Monochromacy



Original Color
69, 45.656, 38.819

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 15.158, 37.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 45.656, 38.819 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(242, 142, 119)` looks like.

```
.text, #text, p{  
    color:rgb(242, 142, 119)  
}
```

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(242, 142, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 142, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 45.656, 38.819 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(242, 142, 119) }
```

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

```
.border{ border-color:rgb(242, 142, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 142, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 142, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 142, 119);  
box-shadow:4px 4px 4px 4px rgb(242, 142,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 45.656, 38.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 142, 119) }
```

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

```
.background{ background-color: rgb(242,  
142, 119) }
```

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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