

Converting Colors

CIELCh(72, 45.338, 58.581)

Have a look what the booklet for
CIELCh(72, 45.338, 58.581) contains.

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Color

CIELCh(72, 45.415, 58.592)

Conversions

Conversions Part 1

Format	Color
Hex	ED9F6B
RGB	237, 159, 107
RGB Percent	93%, 62%, 42%
CMY	0.0722, 0.3779, 0.5817
CMYK	0.00, 0.33, 0.55, 0.07
HSL	24°, 78%, 67%
HSV	24°, 55%, 93%
XYZ	49.7589, 43.6590, 19.6193
YIQ	176.3940, 63.1800, 0.3640

Conversions

Conversions Part 2

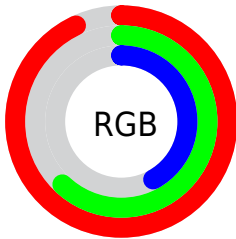
Format	Color
RYB	237, 194, 107
Decimal	15572843
CIELab	72.00, 23.67, 38.76
CIELCh	72, 45.415, 58.592
Yxy	43.6590, 0.4402, 0.3862
Android (android.graphics.Color)	4293762923 (0xFFED9F6B)
YUV	176.3940, -34.2112, 53.1515
Hunter-Lab	66.0750, 18.7912, 28.6478

Details

The CIELCh color **72, 45.415, 58.592** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **72, 34.560, 254.027**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 33.259, 77.871**, and **52, 45.590, 58.372** is the 20% darker color. If you saturate the color by 10%, you get **68, 55.228, 57.729**, and if you desaturate by 10%, it is **76, 35.992, 59.479**.

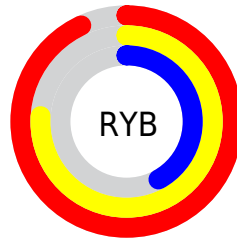
Distribution



Red (93%)

Green (62%)

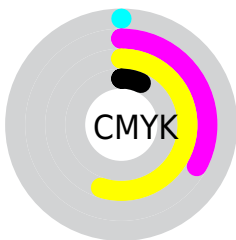
Blue (42%)



Red (93%)

Yellow (76%)

Blue (42%)

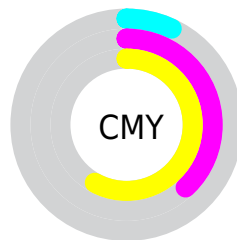


Cyan (0%)

Magenta (33%)

Yellow (55%)

Black (7%)



Cyan (7%)

Magenta (38%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 45.415, 58.592 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 72, 45.415, 58.592 by changing the saturation by 10% instead.

 72, 45.415, 58.592

 72, 45.415, 58.592

 100, 45.415,
58.592

 62, 45.415, 58.592

 92, 45.415, 58.592

 52, 45.415, 58.592

 42, 45.415, 58.592

 32, 45.415, 58.592

 22, 45.415, 58.592

 12, 45.415, 58.592

 2, 45.415, 58.592

 0, 45.415, 58.592

 72, 45.415, 58.592

 72, 45.415, 58.592

68, 55.228, 57.729

76, 35.992, 59.479

65, 65.127, 56.793

80, 27.079, 60.401

62, 74.436, 55.583

83, 18.702, 61.361

59, 81.931, 53.689

87, 10.842, 62.342

58, 84.996, 52.529

92, 3.462, 63.261

96, 3.486, 244.575

99, 6.317, 199.110

Harmonies

Complementary

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



72, 45.415, 58.592



72, 34.560, 254.027

Rectangle

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



72, 45.415, 58.592



72, 45.415, 108.592



72, 45.415, 238.592



72, 45.415, 288.592

Sweetspot

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



72, 45.414, 58.596



93, 12.402, 62.229



63, 61.056, 343.892



49, 8.428, 62.026



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 45.414, 58.596



73, 59.869, 57.610



88, 58.795, 99.924



47, 4.030, 62.868



45, 69.172, 53.202



11, 22.547, 50.545

Inverse Universe

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



72, 34.560, 254.027



73, 42.824, 257.813



55, 66.920, 294.808



47, 3.881, 245.044



45, 45.517, 272.281



11, 17.402, 263.385

Previews

White Background



This preview shows how the CIELCh color 72, 45.415, 58.592 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 72, 45.415, 58.592 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 72, 45.415, 58.592

Background



This preview shows how black text looks on a background with the CIELCh color 72, 45.415, 58.592.



This preview shows how white text looks on a background with the CIELCh color 72, 45.415, 58.592.

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](#).

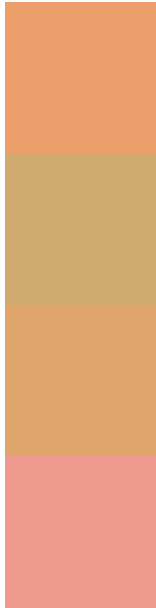
Dichromacy





Tritanopia
72, 35.677, 13.533

Trichromacy



Original Color
72, 45.415, 58.592

Protanomaly
72, 36.101, 79.934

Deuteranomaly
72, 41.450, 69.236

Tritanomaly
72, 35.979, 31.922

Monochromacy



Original Color
72, 45.415, 58.592

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 15.356, 61.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 45.415, 58.592 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(237, 159, 107)` looks like.

```
.text, #text, p{  
    color:rgb(237, 159, 107)  
}
```

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(237, 159, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 159, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 45.415, 58.592 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(237, 159, 107) }
```

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

```
.border{ border-color:rgb(237, 159, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 159, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 159, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 159, 107);  
box-shadow:4px 4px 4px 4px rgb(237, 159,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 45.415, 58.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 159, 107) }
```

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

```
.background{ background-color: rgb(237,  
159, 107) }
```

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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