

Converting Colors

CIELCh(72, 53.315, 60.207)

Have a look what the booklet for
CIELCh(72, 53.315, 60.207) contains.

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Color

CIELCh(72, 53.485, 60.213)

Conversions

Conversions Part 1

Format	Color
Hex	F39C5C
RGB	243, 156, 92
RGB Percent	95%, 61%, 36%
CMY	0.0466, 0.3878, 0.6388
CMYK	0.00, 0.36, 0.62, 0.05
HSL	25°, 86%, 66%
HSV	25°, 62%, 95%
XYZ	50.8420, 43.6590, 15.8937
YIQ	174.7170, 72.3960, -1.4600

Conversions

Conversions Part 2

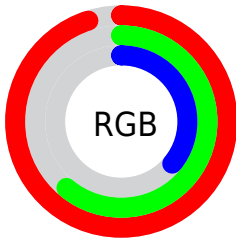
Format	Color
R _Y B	243, 203, 92
Decimal	15965276
CIE Lab	72.00, 26.57, 46.42
CIE LCh	72, 53.485, 60.213
Yxy	43.6590, 0.4605, 0.3955
Android (android.graphics.Color)	4294155356 (0xFFFF39C5C)
YUV	174.7170, -40.7795, 59.8842
Hunter-Lab	66.0750, 21.7173, 31.9908

Details

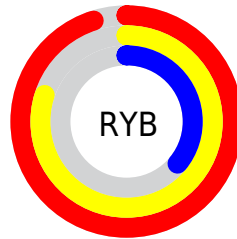
The CIELCh color **72, 53.485, 60.213** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **70, 40.334, 259.601**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 39.522, 79.882**, and **52, 53.169, 60.134** is the 20% darker color. If you saturate the color by 10%, you get **69, 63.444, 59.156**, and if you desaturate by 10%, it is **76, 43.665, 61.220**.

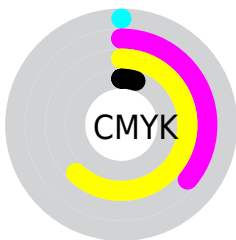
Distribution



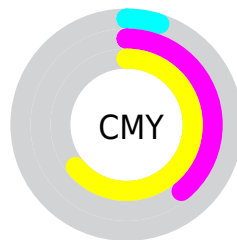
- Red (95%)
- Green (61%)
- Blue (36%)



- Red (95%)
- Yellow (80%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (62%)
- Black (5%)



- Cyan (5%)
- Magenta (39%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 53.485, 60.213 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, 53.485, 60.213 by changing the saturation by 10% instead.

 72, 53.485, 60.213

 72, 53.485, 60.213

 100, 53.485,
60.213

 62, 53.485, 60.213

 92, 53.485, 60.213

 52, 53.485, 60.213

 42, 53.485, 60.213

 32, 53.485, 60.213

 22, 53.485, 60.213

 12, 53.485, 60.213

 2, 53.485, 60.213

 0, 53.485, 60.213

 72, 53.485, 60.213

 72, 53.485, 60.213

69, 63.444, 59.156

76, 43.665, 61.220

66, 72.970, 57.875

79, 34.246, 62.231

63, 80.971, 56.034

83, 25.322, 63.267

61, 85.680, 54.077

87, 16.911, 64.324

91, 8.990, 65.383

95, 1.521, 66.201

99, 3.828, 205.822

99, 4.103, 199.307

Harmonies

Complementary

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



72, 53.485, 60.213



70, 40.334, 259.601

Rectangle

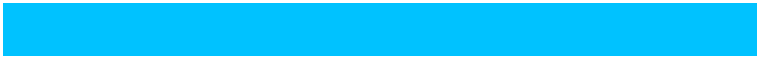
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 53.485, 60.213



72, 53.485, 110.213



72, 53.485, 240.213



72, 53.485, 290.213

Sweetspot

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



72, 53.484, 60.217



92, 14.959, 64.651



62, 68.336, 345.901



48, 10.386, 64.346



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, 53.484, 60.217



71, 68.903, 58.798



90, 67.866, 100.125



49, 4.206, 65.653



47, 69.771, 54.745



13, 24.872, 53.767

Inverse Universe

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



70, 40.334, 259.601



68, 49.185, 264.650



50, 80.020, 297.254



49, 4.065, 247.949



44, 48.845, 275.544



12, 19.408, 267.688

Previews

White Background



This preview shows how the CIELCh color 72, 53.485, 60.213 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, 53.485, 60.213 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, 53.485, 60.213

Background



This preview shows how black text looks on a background with the CIELCh color 72, 53.485, 60.213.



This preview shows how white text looks on a background with the CIELCh color 72, 53.485, 60.213.

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

72, 53.485, 60.213

Protanopia

72, 42.079, 95.964

Deuteranopia

72, 48.204, 78.447



Tritanopia
72, 40.212, 15.174

Trichromacy



Original Color
72, 53.485, 60.213

Protanomaly
72, 43.854, 80.622

Deuteranomaly
72, 49.500, 71.597

Tritanomaly
72, 41.309, 34.809

Monochromacy



Original Color
72, 53.485, 60.213

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 18.200, 63.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 53.485, 60.213 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(243, 156, 92)` looks like.

```
.text, #text, p{  
    color:rgb(243, 156, 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(243, 156, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 156, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 53.485, 60.213 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(243, 156, 92) }
```

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

```
.border{ border-color:rgb(243, 156, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 156, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 156, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 156, 92);  
box-shadow:4px 4px 4px 4px rgb(243, 156,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 53.485, 60.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 156, 92) }
```

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

```
.background{ background-color: rgb(243,  
156, 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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