

Converting Colors

CIELCh(59, 70.693, 36.921)

Have a look what the booklet for
CIELCh(59, 70.693, 36.921) contains.

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Color

CIELCh(59, 70.484, 36.771)

Conversions

Conversions Part 1

Format	Color
Hex	F25C47
RGB	242, 92, 71
RGB Percent	95%, 36%, 28%
CMY	0.0505, 0.6388, 0.7212
CMYK	0.00, 0.62, 0.71, 0.05
HSL	7°, 87%, 61%
HSV	7°, 71%, 95%
XYZ	41.6364, 27.0277, 8.9988
YIQ	134.4560, 96.1410, 25.2690

Conversions

Conversions Part 2

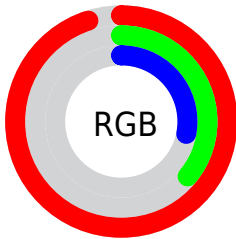
Format	Color
R_{YB}	242, 95, 71
Decimal	15883335
CIE _{Lab}	59.00, 56.46, 42.19
CIE _{LCh}	59, 70.484, 36.771
Yxy	27.0277, 0.5361, 0.3480
Android (android.graphics.Color)	4294073415 (0xFFFF25C47)
YUV	134.4560, -31.2838, 94.3161
Hunter-Lab	51.9882, 51.9781, 26.1291

Details

The CIELCh color **59, 70.484, 36.771** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **82, 38.868, 213.911**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 49.454, 40.678**, and **39, 70.679, 36.903** is the 20% darker color. If you saturate the color by 10%, you get **56, 81.907, 38.726**, and if you desaturate by 10%, it is **63, 58.814, 35.050**.

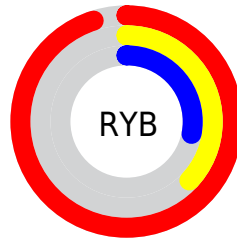
Distribution



Red (95%)

Green (36%)

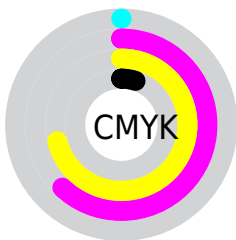
Blue (28%)



Red (95%)

Yellow (37%)

Blue (28%)

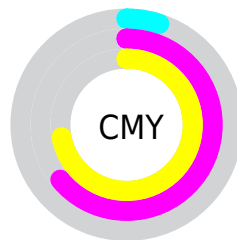


Cyan (0%)

Magenta (62%)

Yellow (71%)

Black (5%)



Cyan (5%)

Magenta (64%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 70.484, 36.771 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 59, 70.484, 36.771 by changing the saturation by 10% instead.

59, 70.484, 36.771

59, 70.484, 36.771

100, 70.484,
36.771

49, 70.484, 36.771

79, 70.484, 36.771

39, 70.484, 36.771

89, 70.484, 36.771

29, 70.484, 36.771

99, 70.484, 36.771

19, 70.484, 36.771

9, 70.484, 36.771

0, 70.484, 36.771

59, 70.484, 36.771

59, 70.484, 36.771

56, 81.907, 38.726

63, 58.814, 35.050

53, 91.919, 40.446

68, 47.440, 33.682

52, 98.480, 41.312

73, 36.628, 32.658

78, 26.507, 31.925

84, 17.122, 31.420

89, 8.463, 31.070

95, 0.487, 29.654

99, 4.441, 199.273

Harmonies

Complementary

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



59, 70.484, 36.771



82, 38.868, 213.911

Rectangle

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



59, 70.484, 36.771



59, 70.484, 86.771



59, 70.484, 216.771



59, 70.484, 266.771

Sweetspot

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



59, 70.481, 36.774



87, 18.202, 31.437



61, 90.033, 331.953



45, 12.464, 31.560



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 70.481, 36.774



57, 90.270, 39.593



76, 62.711, 76.942



47, 4.462, 31.033



39, 79.688, 41.592



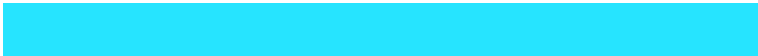
9, 27.389, 30.630

Inverse Universe

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



82, 38.868, 213.911



84, 43.124, 216.178



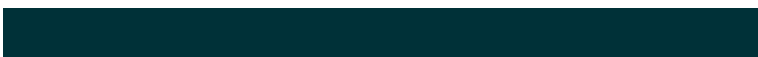
58, 60.629, 282.961



49, 4.195, 210.980



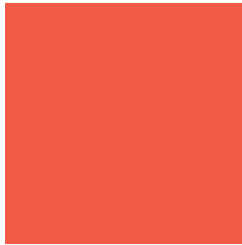
61, 34.372, 218.889



18, 15.160, 215.368

Previews

White Background



This preview shows how the CIELCh color 59, 70.484, 36.771 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 70.484, 36.771 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 × Fail

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

CIELCh 59, 70.484, 36.771

Background



This preview shows how black text looks on a background with the CIELCh color 59, 70.484, 36.771.



This preview shows how white text looks on a background with the CIELCh color 59, 70.484, 36.771.

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

59, 70.484, 36.771

Protanopia

59, 30.637, 95.784

Deuteranopia

59, 44.956, 80.186



Tritanopia
59, 66.200, 26.368

Trichromacy



Original Color
59, 70.484, 36.771

Protanomaly
58, 38.403, 58.551

Deuteranomaly
58, 50.340, 57.552

Tritanomaly
59, 67.586, 30.194

Monochromacy



Original Color
59, 70.484, 36.771

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 24.171, 31.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 70.484, 36.771 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, 92, 71)` looks like.

```
.text, #text, p{  
    color:rgb(242, 92, 71)  
}
```

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, 92, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 92, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 70.484, 36.771 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, 92, 71) }
```

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

```
.border{ border-color:rgb(242, 92, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 92, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 92, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 92, 71);  
box-shadow:4px 4px 4px 4px rgb(242, 92,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 70.484, 36.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 92, 71) }
```

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

```
.background{ background-color: rgb(242, 92,  
71) }
```

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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