

Converting Colors

CIELCh(59, 67.690, 29.538)

Have a look what the booklet for
CIELCh(59, 67.690, 29.538) contains.

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Color

CIELCh(59, 67.630, 29.450)

Conversions

Conversions Part 1

Format	Color
Hex	F35957
RGB	243, 89, 87
RGB Percent	95%, 35%, 34%
CMY	0.0454, 0.6495, 0.6576
CMYK	0.00, 0.63, 0.64, 0.05
HSL	1°, 87%, 65%
HSV	1°, 64%, 95%
XYZ	42.4412, 27.0277, 12.0638
YIQ	134.8180, 92.4260, 32.0260

Conversions

Conversions Part 2

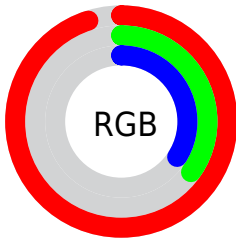
Format	Color
R_{YB}	243, 89, 87
Decimal	15948119
CIE _{Lab}	59.00, 58.89, 33.25
CIE _{LCh}	59, 67.630, 29.450
Yxy	27.0277, 0.5205, 0.3315
Android (android.graphics.Color)	4294138199 (0xFFFF35957)
YUV	134.8180, -23.5743, 94.8756
Hunter-Lab	51.9882, 54.7414, 22.6335

Details

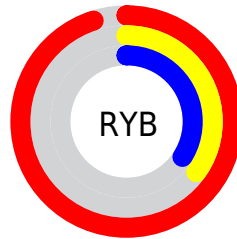
The CIELCh color **59, 67.630, 29.450** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **88, 41.209, 198.329**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 46.388, 29.051**, and **39, 67.749, 29.567** is the 20% darker color. If you saturate the color by 10%, you get **55, 79.155, 32.566**, and if you desaturate by 10%, it is **63, 55.826, 26.911**.

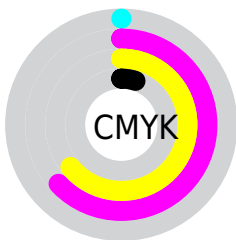
Distribution



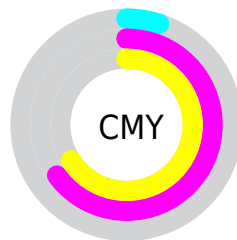
- Red (95%)
- Green (35%)
- Blue (34%)



- Red (95%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (63%)
- Yellow (64%)
- Black (5%)



- Cyan (5%)
- Magenta (65%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 67.630, 29.450 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, 67.630, 29.450 by changing the saturation by 10% instead.

 59, 67.630, 29.450

 59, 67.630, 29.450

 100, 67.630,
29.450

 49, 67.630, 29.450

 79, 67.630, 29.450

 39, 67.630, 29.450

 89, 67.630, 29.450

 29, 67.630, 29.450

 99, 67.630, 29.450

 19, 67.630, 29.450

 9, 67.630, 29.450

 0, 67.630, 29.450

 59, 67.630, 29.450

 59, 67.630, 29.450

 55, 79.155, 32.566

 63, 55.826, 26.911

 53, 89.703, 35.996

 69, 44.185, 24.932

■ 51, 97.741, 38.900

■ 74, 33.004, 23.418

■ 51, 100.794,
40.098

■ 80, 22.462, 22.264

■ 87, 12.641, 21.371

■ 93, 3.550, 20.576

■ 99, 4.000, 199.317

Harmonies

Complementary

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



59, 67.630, 29.450



88, 41.209, 198.329

Rectangle

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



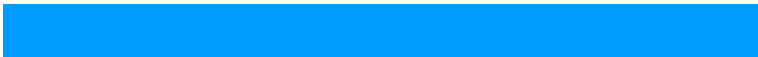
59, 67.630, 29.450



59, 67.630, 79.450



59, 67.630, 209.450



59, 67.630, 259.450

Sweetspot

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



59, 67.627, 29.453



87, 18.001, 21.784



64, 91.620, 327.607



45, 12.531, 22.047



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, 67.627, 29.453



57, 85.494, 33.607



74, 55.545, 67.220



48, 5.014, 21.014



39, 82.366, 40.138



8, 30.730, 25.705

Inverse Universe

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



88, 41.209, 198.329



91, 46.555, 198.263



66, 46.127, 269.583



50, 4.719, 200.125



68, 38.824, 198.460



21, 17.304, 198.181

Previews

White Background



This preview shows how the CIELCh color 59, 67.630, 29.450 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, 67.630, 29.450 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, 67.630, 29.450

Background



This preview shows how black text looks on a background with the CIELCh color 59, 67.630, 29.450.



This preview shows how white text looks on a background with the CIELCh color 59, 67.630, 29.450.

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, 67.630, 29.450

Protanopia

59, 19.581, 95.342

Deuteranopia

59, 36.659, 78.137



Tritanopia
59, 66.881, 26.126

Trichromacy



Original Color
59, 67.630, 29.450

Protanomaly
57, 31.045, 46.272

Deuteranomaly
58, 43.509, 50.378

Tritanomaly
59, 66.987, 27.324

Monochromacy



Original Color
59, 67.630, 29.450

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 23.747, 22.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 67.630, 29.450 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, 89, 87)` looks like.

```
.text, #text, p{  
  color:rgb(243, 89, 87)  
}
```

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, 89, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 89, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 67.630, 29.450 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, 89, 87) }
```

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

```
.border{ border-color:rgb(243, 89, 87) }
```

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

Here you see how a box with a 4 pixel rgb(243, 89, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 89, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 89, 87);  
box-shadow:4px 4px 4px 4px rgb(243, 89,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 67.630, 29.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 89, 87) }
```

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

```
.background{ background-color: rgb(243, 89,  
87) }
```

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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