

Converting Colors

CIELCh(59, 63.493, 27.861)

Have a look what the booklet for
CIELCh(59, 63.493, 27.861) contains.

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Color

CIELCh(59, 63.643, 27.918)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EF5D5D |
| RGB | 239, 93, 93 |
| RGB Percent | 94%, 36%, 36% |
| CMY | 0.0621, 0.6347, 0.6348 |
| CMYK | 0.00, 0.61, 0.61, 0.06 |
| HSL | 0°, 82%, 65% |
| HSV | 0°, 61%, 94% |
| XYZ | 41.5628, 27.0277, 13.4122 |
| YIQ | 136.6540, 87.0160, 30.9520 |

Conversions

Conversions Part 2

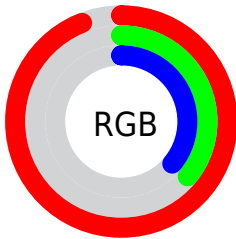
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 239, 93, 93 |
| Decimal | 15687005 |
| CIE Lab | 59.00, 56.24, 29.80 |
| CIE LCh | 59, 63.643, 27.918 |
| Yxy | 27.0277, 0.5068, 0.3296 |
| Android (android.graphics.Color) | 4293877085 (0xFFEF5D5D) |
| YUV | 136.6540, -21.5214, 89.7574 |
| Hunter-Lab | 51.9882, 51.7253, 21.0958 |

Details

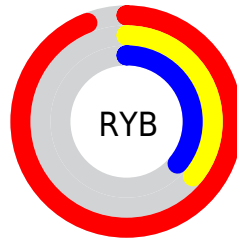
The CIELCh color **59, 63.643, 27.918** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **87, 40.097, 196.871**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.159, 27.689**, and **39, 63.781, 27.861** is the 20% darker color. If you saturate the color by 10%, you get **55, 75.103, 31.006**, and if you desaturate by 10%, it is **64, 51.996, 25.451**.

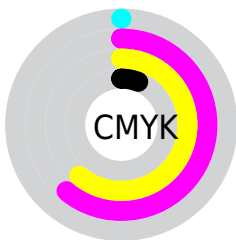
Distribution



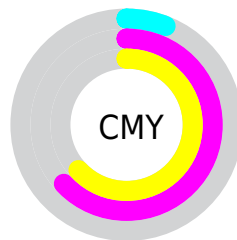
- Red (94%)
- Green (36%)
- Blue (36%)



- Red (94%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (61%)
- Yellow (61%)
- Black (6%)



- Cyan (6%)
- Magenta (63%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 63.643, 27.918 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, 63.643, 27.918 by changing the saturation by 10% instead.

 59, 63.643, 27.918

 59, 63.643, 27.918

 100, 63.643,
27.918

 49, 63.643, 27.918

 79, 63.643, 27.918

 39, 63.643, 27.918

 89, 63.643, 27.918

 29, 63.643, 27.918

 99, 63.643, 27.918

 19, 63.643, 27.918

 9, 63.643, 27.918

 0, 63.643, 27.918

 59, 63.643, 27.918

 59, 63.643, 27.918

 55, 75.103, 31.006

 64, 51.996, 25.451

 52, 85.808, 34.562

 69, 40.566, 23.542

■ 51, 94.606, 37.941

■ 75, 29.625, 22.082

■ 50, 99.620, 40.002

■ 81, 19.335, 20.963

■ 87, 9.761, 20.081

■ 94, 0.901, 18.788

■ 99, 5.444, 199.182

Harmonies

Complementary

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



59, 63.643, 27.918



87, 40.097, 196.871

Rectangle

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



59, 63.643, 27.918



59, 63.643, 77.918



59, 63.643, 207.918



59, 63.643, 257.918

Sweetspot

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



59, 63.640, 27.921



88, 17.203, 20.678



64, 87.088, 327.498



45, 12.092, 20.955



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, 63.640, 27.921



58, 81.394, 31.757



74, 51.877, 67.649



47, 4.992, 19.954



38, 81.700, 39.997



8, 29.832, 23.817

Inverse Universe

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



87, 40.097, 196.871



92, 46.280, 196.630



66, 43.414, 268.489



49, 4.700, 198.983



68, 39.146, 196.416



21, 17.089, 196.412

Previews

White Background



This preview shows how the CIELCh color 59, 63.643, 27.918 looks on a white background.

Color Contrast Check

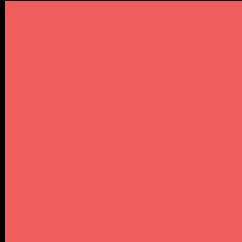
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.643, 27.918 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, 63.643, 27.918

Background



This preview shows how black text looks on a background with the CIELCh color 59, 63.643, 27.918.



This preview shows how white text looks on a background with the CIELCh color 59, 63.643, 27.918.

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
59, 62.998, 25.210

Trichromacy



Original Color
59, 63.643, 27.918

Protanomaly
58, 28.224, 42.690

Deuteranomaly
58, 40.098, 47.759

Tritanomaly
59, 63.356, 26.165

Monochromacy



Original Color
59, 63.643, 27.918

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 22.334, 21.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 63.643, 27.918 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(239, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(239, 93, 93)  
}
```

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(239, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 93, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 63.643, 27.918 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(239, 93, 93) }
```

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

```
.border{ border-color:rgb(239, 93, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 93, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(239, 93,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 63.643, 27.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 93, 93) }
```

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

```
.background{ background-color: rgb(239, 93,  
93) }
```

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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