

Converting Colors

CIELCh(59, 66.168, 33.643)

Have a look what the booklet for
CIELCh(59, 66.168, 33.643) contains.

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Color

CIELCh(59, 66.105, 33.563)

Conversions

Conversions Part 1

Format	Color
Hex	EF5E51
RGB	239, 94, 81
RGB Percent	94%, 37%, 32%
CMY	0.0619, 0.6306, 0.6817
CMYK	0.00, 0.61, 0.66, 0.06
HSL	5°, 83%, 63%
HSV	5°, 66%, 94%
XYZ	41.1854, 27.0277, 10.8645
YIQ	135.8730, 90.5930, 26.6970

Conversions

Conversions Part 2

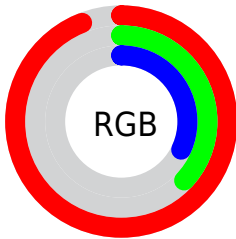
Format	Color
R_{YB}	239, 95, 81
Decimal	15687249
CIE _{Lab}	59.00, 55.08, 36.55
CIE _{LCh}	59, 66.105, 33.563
Yxy	27.0277, 0.5208, 0.3418
Android (android.graphics.Color)	4293877329 (0xFFEF5E51)
YUV	135.8730, -27.0524, 90.4424
Hunter-Lab	51.9882, 50.4294, 24.0014

Details

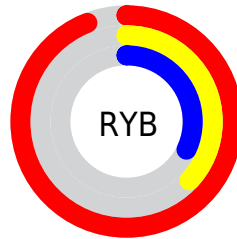
The CIELCh color **59, 66.105, 33.563** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **83, 38.480, 207.404**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 46.452, 35.216**, and **39, 66.168, 33.643** is the 20% darker color. If you saturate the color by 10%, you get **55, 77.597, 35.926**, and if you desaturate by 10%, it is **63, 54.532, 31.601**.

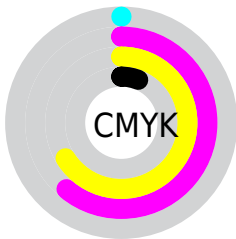
Distribution



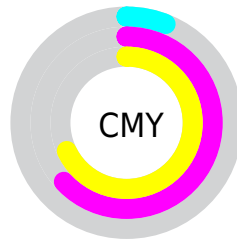
- Red (94%)
- Green (37%)
- Blue (32%)



- Red (94%)
- Yellow (37%)
- Blue (32%)



- Cyan (0%)
- Magenta (61%)
- Yellow (66%)
- Black (6%)



- Cyan (6%)
- Magenta (63%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 66.105, 33.563 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, 66.105, 33.563 by changing the saturation by 10% instead.

 59, 66.105, 33.563

 59, 66.105, 33.563

 100, 66.105,
33.563

 49, 66.105, 33.563

 79, 66.105, 33.563

 39, 66.105, 33.563

 89, 66.105, 33.563

 29, 66.105, 33.563

 99, 66.105, 33.563

 19, 66.105, 33.563

 9, 66.105, 33.563

 0, 66.105, 33.563

 59, 66.105, 33.563

 59, 66.105, 33.563

 55, 77.597, 35.926

 63, 54.532, 31.601

 53, 88.209, 38.392

 68, 43.297, 30.069

51, 96.181, 40.149

73, 32.630, 28.915

51, 98.491, 40.720

79, 22.649, 28.064

85, 13.395, 27.439

91, 4.854, 26.930

97, 3.019, 206.983

99, 5.425, 199.184

Harmonies

Complementary

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



59, 66.105, 33.563



83, 38.480, 207.404

Rectangle

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



59, 66.105, 33.563



59, 66.105, 83.563



59, 66.105, 213.563



59, 66.105, 263.563

Sweetspot

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



59, 66.102, 33.566



87, 17.851, 27.667



62, 88.271, 329.868



45, 12.322, 27.844



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, 66.102, 33.566



58, 85.170, 36.731



75, 57.251, 73.176



47, 4.616, 27.106



39, 80.512, 40.921



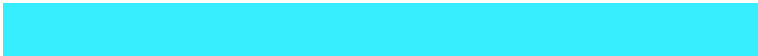
9, 28.114, 28.347

Inverse Universe

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



83, 38.480, 207.404



87, 43.613, 208.439



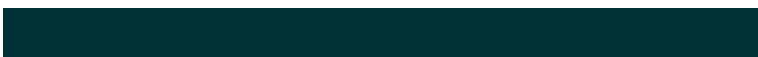
61, 51.810, 277.019



49, 4.340, 206.722



63, 35.395, 210.725



19, 15.625, 208.536

Previews

White Background



This preview shows how the CIELCh color 59, 66.105, 33.563 looks on a white background.

Color Contrast Check

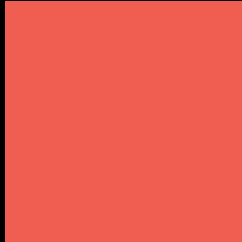
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.105, 33.563 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, 66.105, 33.563

Background



This preview shows how black text looks on a background with the CIELCh color 59, 66.105, 33.563.



This preview shows how white text looks on a background with the CIELCh color 59, 66.105, 33.563.

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, 66.105, 33.563

Protanopia
59, 24.658, 95.120

Deuteranopia
59, 39.300, 78.924



Tritanopia
59, 63.400, 25.280

Trichromacy



Original Color
59, 66.105, 33.563

Protanomaly
58, 33.266, 53.815

Deuteranomaly
58, 44.755, 54.671

Tritanomaly
59, 64.253, 28.426

Monochromacy



Original Color
59, 66.105, 33.563

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 22.893, 28.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 66.105, 33.563 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, 94, 81)` looks like.

```
.text, #text, p{  
    color:rgb(239, 94, 81)  
}
```

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, 94, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 94, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 66.105, 33.563 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, 94, 81) }
```

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

```
.border{ border-color:rgb(239, 94, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 94, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 94, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 94, 81);  
box-shadow:4px 4px 4px 4px rgb(239, 94,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 66.105, 33.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 94, 81) }
```

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

```
.background{ background-color: rgb(239, 94,  
81) }
```

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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