

Converting Colors

CIELCh(59, 60.104, 23.757)

Have a look what the booklet for
CIELCh(59, 60.104, 23.757) contains.

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Color

CIELCh(59, 60.049, 23.554)

Conversions

Conversions Part 1

Format	Color
Hex	EC5F67
RGB	236, 95, 103
RGB Percent	93%, 37%, 40%
CMY	0.0742, 0.6271, 0.5958
CMYK	0.00, 0.60, 0.56, 0.07
HSL	357°, 79%, 65%
HSV	357°, 60%, 93%
XYZ	41.1730, 27.0277, 15.8975
YIQ	138.0710, 81.4680, 32.3800

Conversions

Conversions Part 2

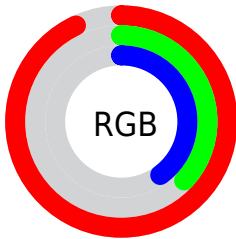
Format	Color
R_{YB}	236, 95, 103
Decimal	15490919
CIE _{Lab}	59.00, 55.05, 24.00
CIE _{LCh}	59, 60.049, 23.554
Yxy	27.0277, 0.4896, 0.3214
Android (android.graphics.Color)	4293680999 (0xFFEC5F67)
YUV	138.0710, -17.2900, 85.8837
Hunter-Lab	51.9882, 50.3869, 18.2615

Details

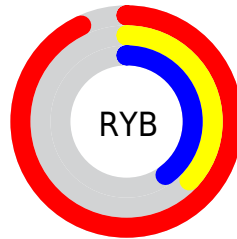
The CIELCh color **59, 60.049, 23.554** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **86, 40.294, 190.751**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 42.504, 20.762**, and **39, 59.840, 23.688** is the 20% darker color. If you saturate the color by 10%, you get **55, 70.761, 26.730**, and if you desaturate by 10%, it is **64, 49.077, 21.046**.

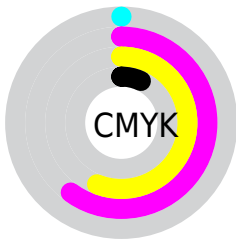
Distribution



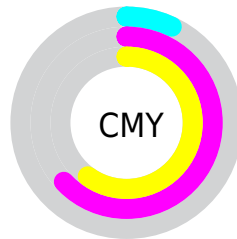
- Red (93%)
- Green (37%)
- Blue (40%)



- Red (93%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (60%)
- Yellow (56%)
- Black (7%)



- Cyan (7%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 60.049, 23.554 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, 60.049, 23.554 by changing the saturation by 10% instead.

 59, 60.049, 23.554

 59, 60.049, 23.554

 100, 60.049,
23.554

 49, 60.049, 23.554

 79, 60.049, 23.554

 39, 60.049, 23.554

 89, 60.049, 23.554

 29, 60.049, 23.554

 99, 60.049, 23.554

 19, 60.049, 23.554

 9, 60.049, 23.554

 0, 60.049, 23.554

 59, 60.049, 23.554

 59, 60.049, 23.554

 55, 70.761, 26.730

 64, 49.077, 21.046

 52, 80.819, 30.562

 69, 38.212, 19.092

■ 50, 89.678, 34.733

■ 75, 27.724, 17.569

■ 49, 96.282, 38.235

■ 81, 17.780, 16.366

■ 49, 96.426, 38.301

■ 87, 8.458, 15.381

■ 94, 0.230, 197.373

■ 99, 6.485, 199.097

Harmonies

Complementary

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



59, 60.049, 23.554



86, 40.294, 190.751

Rectangle

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



59, 60.049, 23.554



59, 60.049, 73.554



59, 60.049, 203.554



59, 60.049, 253.554

Sweetspot

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



59, 60.046, 23.557



88, 17.172, 16.191



62, 84.023, 325.371



45, 12.056, 16.505



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, 60.046, 23.557



58, 77.843, 27.660



71, 49.869, 61.384



46, 4.911, 15.357



38, 78.462, 37.728



7, 28.302, 20.413

Inverse Universe

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



59, 60.046, 23.557



58, 77.843, 27.660



69, 38.516, 259.993



46, 4.911, 15.357



38, 78.462, 37.728



7, 28.302, 20.413

Previews

White Background



This preview shows how the CIELCh color 59, 60.049, 23.554 looks on a white background.

Color Contrast Check

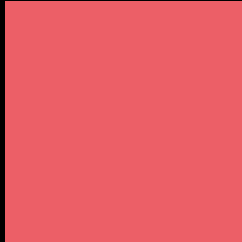
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.049, 23.554 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, 60.049, 23.554

Background



This preview shows how black text looks on a background with the CIELCh color 59, 60.049, 23.554.



This preview shows how white text looks on a background with the CIELCh color 59, 60.049, 23.554.

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, 60.049, 23.554

Protanopia

59, 10.540, 93.153

Deuteranopia

59, 27.415, 74.097



Tritanopia
59, 60.366, 24.570

Trichromacy



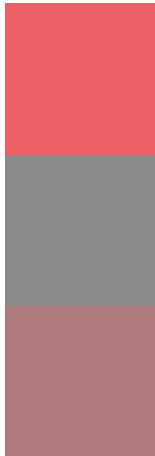
Original Color
59, 60.049, 23.554

Protanomaly
58, 24.712, 33.595

Deuteranomaly
58, 35.477, 42.611

Tritanomaly
59, 60.205, 24.064

Monochromacy



Original Color
59, 60.049, 23.554

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 21.718, 17.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 60.049, 23.554 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(236, 95, 103)` looks like.

```
.text, #text, p{  
    color:rgb(236, 95, 103)  
}
```

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(236, 95, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 95, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 60.049, 23.554 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(236, 95, 103) }
```

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

```
.border{ border-color:rgb(236, 95, 103) }
```

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

Here you see how a box with a 4 pixel rgb(236, 95, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 95, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 95, 103);  
box-shadow:4px 4px 4px 4px rgb(236, 95,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 60.049, 23.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 95, 103) }
```

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

```
.background{ background-color: rgb(236, 95,  
103) }
```

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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