

Converting Colors

CIELCh(58, 63.873, 21.333)

Have a look what the booklet for
CIELCh(58, 63.873, 21.333) contains.

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Color

CIELCh(58, 64.204, 21.356)

Conversions

Conversions Part 1

Format	Color
Hex	EF5666
RGB	239, 86, 102
RGB Percent	94%, 34%, 40%
CMY	0.0628, 0.6628, 0.6000
CMYK	0.00, 0.64, 0.57, 0.06
HSL	354°, 83%, 64%
HSV	354°, 64%, 94%
XYZ	41.3166, 25.9610, 15.4008
YIQ	133.5710, 86.0520, 37.4120

Conversions

Conversions Part 2

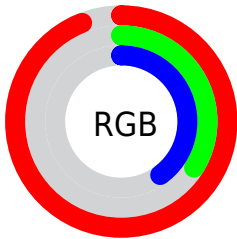
Format	Color
RYB	239, 86, 102
Decimal	15685222
CIELab	58.00, 59.80, 23.38
CIELCh	58, 64.204, 21.356
Yxy	25.9610, 0.4997, 0.3140
Android (android.graphics.Color)	4293875302 (0xFFEF5666)
YUV	133.5710, -15.5645, 92.4612
Hunter-Lab	50.9519, 55.5785, 17.7453

Details

The CIELCh color **58, 64.204, 21.356** 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 **87, 43.868, 185.447**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.273, 17.437**, and **38, 64.374, 21.568** is the 20% darker color. If you saturate the color by 10%, you get **54, 74.167, 24.936**, and if you desaturate by 10%, it is **62, 53.675, 18.508**.

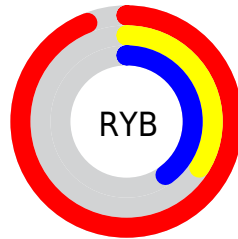
Distribution



Red (94%)

Green (34%)

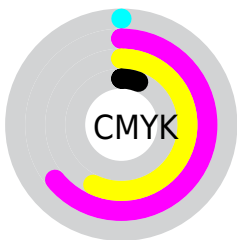
Blue (40%)



Red (94%)

Yellow (34%)

Blue (40%)

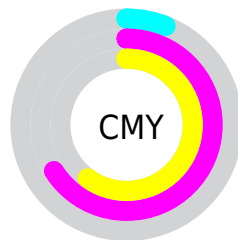


Cyan (0%)

Magenta (64%)

Yellow (57%)

Black (6%)



Cyan (6%)

Magenta (66%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 64.204, 21.356 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 58, 64.204, 21.356 by changing the saturation by 10% instead.

 58, 64.204, 21.356

 58, 64.204, 21.356

 100, 64.204,
21.356

 48, 64.204, 21.356

 78, 64.204, 21.356

 38, 64.204, 21.356

 88, 64.204, 21.356

 28, 64.204, 21.356

 98, 64.204, 21.356

 18, 64.204, 21.356

 8, 64.204, 21.356

 0, 64.204, 21.356

 58, 64.204, 21.356

 58, 64.204, 21.356

 54, 74.167, 24.936

 62, 53.675, 18.508

 52, 83.239, 29.221

 68, 42.963, 16.273

50, 91.061, 33.860

73, 32.399, 14.516

50, 94.974, 36.343

79, 22.220, 13.117

85, 12.564, 11.976

92, 3.485, 10.932

98, 5.013, 190.465

99, 5.506, 199.177

Harmonies

Complementary

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



58, 64.204, 21.356



87, 43.868, 185.447

Rectangle

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



58, 64.204, 21.356



58, 64.204, 71.356



58, 64.204, 201.356



58, 64.204, 251.356

Sweetspot

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



58, 64.201, 21.358



87, 18.244, 12.526



60, 89.204, 323.912



45, 12.670, 12.862



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 64.201, 21.358



57, 81.117, 26.260



69, 54.961, 56.252



47, 5.030, 11.514



38, 77.253, 35.588



8, 29.331, 19.568

Inverse Universe

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



58, 64.201, 21.358



57, 81.117, 26.260



70, 38.891, 254.633



47, 5.030, 11.514



38, 77.253, 35.588



8, 29.331, 19.568

Previews

White Background



This preview shows how the CIELCh color 58, 64.204, 21.356 looks on a white background.

Color Contrast Check

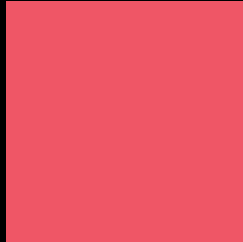
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 64.204, 21.356 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 58, 64.204, 21.356

Background



This preview shows how black text looks on a background with the CIELCh color 58, 64.204, 21.356.



This preview shows how white text looks on a background with the CIELCh color 58, 64.204, 21.356.

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

58, 64.204, 21.356

Protanopia

58, 7.208, 89.597

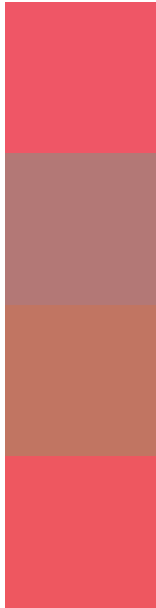
Deuteranopia

58, 26.752, 74.270



Tritanopia
58, 64.673, 26.181

Trichromacy



Original Color
58, 64.204, 21.356

Protanomaly
56, 25.158, 24.766

Deuteranomaly
57, 36.177, 39.799

Tritanomaly
58, 64.430, 24.452

Monochromacy



Original Color
58, 64.204, 21.356

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 23.136, 15.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 64.204, 21.356 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, 86, 102)` looks like.

```
.text, #text, p{  
    color:rgb(239, 86, 102)  
}
```

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, 86, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 86, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 64.204, 21.356 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, 86, 102) }
```

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

```
.border{ border-color:rgb(239, 86, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 86, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 86, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 86, 102);  
box-shadow:4px 4px 4px 4px rgb(239, 86,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 64.204, 21.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 86, 102) }
```

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

```
.background{ background-color: rgb(239, 86,  
102) }
```

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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