

Converting Colors

CIELCh(58, 64.997, 30.478)

Have a look what the booklet for
CIELCh(58, 64.997, 30.478) contains.

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Color

CIELCh(58, 64.960, 30.389)

Conversions

Conversions Part 1

Format	Color
Hex	EC5A55
RGB	236, 90, 85
RGB Percent	93%, 35%, 33%
CMY	0.0726, 0.6454, 0.6652
CMYK	0.00, 0.62, 0.64, 0.07
HSL	2°, 80%, 63%
HSV	2°, 64%, 93%
XYZ	40.0982, 25.9610, 11.5682
YIQ	133.0840, 88.6210, 29.3970

Conversions

Conversions Part 2

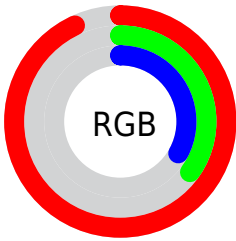
Format	Color
R _Y B	236, 90, 85
Decimal	15489621
CIE Lab	58.00, 56.04, 32.86
CIE LCh	58, 64.960, 30.389
Yxy	25.9610, 0.5165, 0.3344
Android (android.graphics.Color)	4293679701 (0xFFEC5A55)
YUV	133.0840, -23.7054, 90.2573
Hunter-Lab	50.9519, 51.3102, 22.2051

Details

The CIELCh color **58, 64.960, 30.389** 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 **85, 39.316, 200.808**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 46.447, 30.902**, and **38, 65.072, 30.119** is the 20% darker color. If you saturate the color by 10%, you get **54, 76.313, 33.245**, and if you desaturate by 10%, it is **62, 53.446, 28.064**.

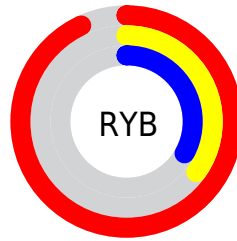
Distribution



Red (93%)

Green (35%)

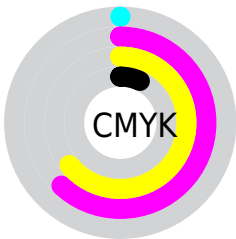
Blue (33%)



Red (93%)

Yellow (35%)

Blue (33%)

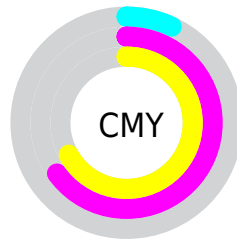


Cyan (0%)

Magenta (62%)

Yellow (64%)

Black (7%)



Cyan (7%)

Magenta (65%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 64.960, 30.389 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, 64.960, 30.389 by changing the saturation by 10% instead.

 58, 64.960, 30.389

 58, 64.960, 30.389

 100, 64.960,
30.389

 48, 64.960, 30.389

 78, 64.960, 30.389

 38, 64.960, 30.389

 88, 64.960, 30.389

 28, 64.960, 30.389

 98, 64.960, 30.389

 18, 64.960, 30.389

 8, 64.960, 30.389

 0, 64.960, 30.389

 58, 64.960, 30.389

 58, 64.960, 30.389

 54, 76.313, 33.245

 62, 53.446, 28.064

 52, 86.833, 36.394

 67, 42.178, 26.252

50, 95.052, 39.068

73, 31.414, 24.872

50, 98.359, 40.259

79, 21.302, 23.826

85, 11.900, 23.023

91, 3.208, 22.293

97, 4.816, 202.177

99, 6.353, 199.107

Harmonies

Complementary

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



58, 64.960, 30.389



85, 39.316, 200.808

Rectangle

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



58, 64.960, 30.389



58, 64.960, 80.389



58, 64.960, 210.389



58, 64.960, 260.389

Sweetspot

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



58, 64.957, 30.392



87, 17.656, 23.414



62, 87.339, 328.650



45, 12.293, 23.653



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, 64.957, 30.392



57, 84.747, 34.311



73, 54.328, 70.414



46, 4.745, 22.716



38, 80.382, 40.354



7, 27.846, 24.467

Inverse Universe

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



85, 39.316, 200.808



90, 45.466, 201.018



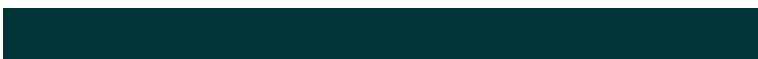
63, 47.190, 273.005



48, 4.465, 201.970



65, 37.009, 201.803



19, 15.950, 200.976

Previews

White Background



This preview shows how the CIELCh color 58, 64.960, 30.389 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, 64.960, 30.389 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, 64.960, 30.389

Background



This preview shows how black text looks on a background with the CIELCh color 58, 64.960, 30.389.



This preview shows how white text looks on a background with the CIELCh color 58, 64.960, 30.389.

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
58, 63.615, 25.498

Trichromacy



Original Color
58, 64.960, 30.389

Protanomaly
57, 30.198, 48.102

Deuteranomaly
57, 42.376, 51.158

Tritanomaly
58, 64.085, 27.712

Monochromacy



Original Color
58, 64.960, 30.389

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 22.630, 24.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 64.960, 30.389 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, 90, 85)` looks like.

```
.text, #text, p{  
    color:rgb(236, 90, 85)  
}
```

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, 90, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 90, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 64.960, 30.389 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, 90, 85) }
```

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

```
.border{ border-color:rgb(236, 90, 85) }
```

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

Here you see how a box with a 4 pixel rgb(236, 90, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 90, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 90, 85);  
box-shadow:4px 4px 4px 4px rgb(236, 90,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 64.960, 30.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 90, 85) }
```

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

```
.background{ background-color: rgb(236, 90,  
85) }
```

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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