

Converting Colors

CIELCh(59, 61.259, 28.332)

Have a look what the booklet for
CIELCh(59, 61.259, 28.332) contains.

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Color

CIELCh(59, 61.350, 28.394)

Conversions

Conversions Part 1

Format	Color
Hex	EC605E
RGB	236, 96, 94
RGB Percent	93%, 38%, 37%
CMY	0.0743, 0.6233, 0.6312
CMYK	0.00, 0.59, 0.60, 0.07
HSL	1°, 79%, 65%
HSV	1°, 60%, 93%
XYZ	40.8225, 27.0277, 13.6662
YIQ	137.6320, 84.0820, 29.0580

Conversions

Conversions Part 2

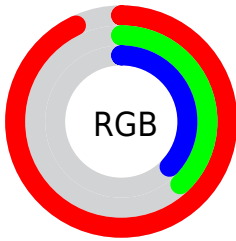
Format	Color
R_{YB}	236, 96, 94
Decimal	15491166
CIE _{Lab}	59.00, 53.97, 29.17
CIE _{LCh}	59, 61.350, 28.394
Yxy	27.0277, 0.5008, 0.3316
Android (android.graphics.Color)	4293681246 (0xFFEC605E)
YUV	137.6320, -21.5106, 86.2687
Hunter-Lab	51.9882, 49.1836, 20.8062

Details

The CIELCh color **59, 61.350, 28.394** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **86, 38.719, 198.491**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 43.370, 28.319**, and **39, 61.147, 28.411** is the 20% darker color. If you saturate the color by 10%, you get **55, 72.765, 31.272**, and if you desaturate by 10%, it is **64, 49.859, 26.105**.

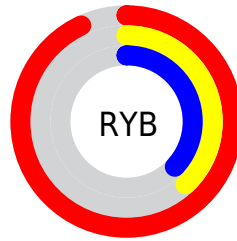
Distribution



Red (93%)

Green (38%)

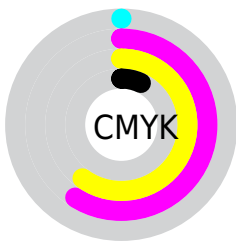
Blue (37%)



Red (93%)

Yellow (38%)

Blue (37%)

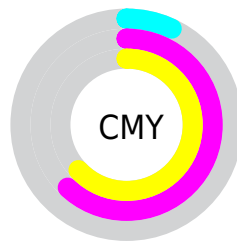


Cyan (0%)

Magenta (59%)

Yellow (60%)

Black (7%)



Cyan (7%)

Magenta (62%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 61.350, 28.394 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, 61.350, 28.394 by changing the saturation by 10% instead.

 59, 61.350, 28.394

 59, 61.350, 28.394

 100, 61.350,
28.394

 49, 61.350, 28.394

 79, 61.350, 28.394

 39, 61.350, 28.394

 89, 61.350, 28.394

 29, 61.350, 28.394

 99, 61.350, 28.394

 19, 61.350, 28.394

 9, 61.350, 28.394

 0, 61.350, 28.394

 59, 61.350, 28.394

 59, 61.350, 28.394

 55, 72.765, 31.272

 64, 49.859, 26.105

 52, 83.569, 34.614

 69, 38.662, 24.336

50, 92.693, 37.868

75, 27.999, 22.987

49, 98.466, 40.110

81, 18.001, 21.955

87, 8.716, 21.142

93, 0.133, 15.895

99, 6.494, 199.096

Harmonies

Complementary

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



59, 61.350, 28.394



86, 38.719, 198.491

Rectangle

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



59, 61.350, 28.394



59, 61.350, 78.394



59, 61.350, 208.394



59, 61.350, 258.394

Sweetspot

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



59, 61.347, 28.397



88, 16.970, 21.771



63, 85.195, 327.464



45, 11.930, 22.032



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, 61.347, 28.397



59, 79.675, 31.958



73, 50.488, 67.777



46, 4.836, 21.089



38, 80.650, 40.142



7, 28.241, 23.445

Inverse Universe

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



86, 38.719, 198.491



91, 45.244, 198.391



66, 42.356, 268.168



48, 4.553, 200.212



66, 37.981, 198.608



19, 16.311, 198.277

Previews

White Background



This preview shows how the CIELCh color 59, 61.350, 28.394 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, 61.350, 28.394 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, 61.350, 28.394

Background



This preview shows how black text looks on a background with the CIELCh color 59, 61.350, 28.394.



This preview shows how white text looks on a background with the CIELCh color 59, 61.350, 28.394.

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, 61.350, 28.394

Protanopia

59, 16.207, 94.805

Deuteranopia

59, 32.288, 76.716



Tritanopia
59, 60.366, 24.570

Trichromacy



Original Color
59, 61.350, 28.394

Protanomaly
58, 27.335, 43.289

Deuteranomaly
58, 38.787, 48.535

Tritanomaly
59, 60.882, 26.070

Monochromacy



Original Color
59, 61.350, 28.394

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 21.480, 23.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 61.350, 28.394 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, 96, 94)` looks like.

```
.text, #text, p{  
    color:rgb(236, 96, 94)  
}
```

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, 96, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 96, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 61.350, 28.394 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, 96, 94) }
```

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

```
.border{ border-color:rgb(236, 96, 94) }
```

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

Here you see how a box with a 4 pixel rgb(236, 96, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 96, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 96, 94);  
box-shadow:4px 4px 4px 4px rgb(236, 96,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 61.350, 28.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 96, 94) }
```

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

```
.background{ background-color: rgb(236, 96,  
94) }
```

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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