

Converting Colors

CIELCh(57, 59.757, 27.562)

Have a look what the booklet for
CIELCh(57, 59.757, 27.562) contains.

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Color

CIELCh(57, 59.625, 27.481)

Conversions

Conversions Part 1

Format	Color
Hex	E45C5C
RGB	228, 92, 92
RGB Percent	89%, 36%, 36%
CMY	0.1059, 0.6392, 0.6392
CMYK	0.00, 0.60, 0.60, 0.11
HSL	0°, 72%, 63%
HSV	0°, 60%, 89%
XYZ	37.7560, 24.9227, 12.9469
YIQ	132.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

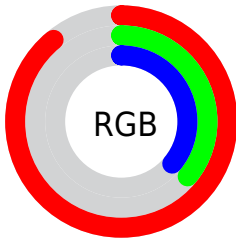
Format	Color
R_{YB}	228, 92, 92
Decimal	14965852
CIE _{Lab}	57.00, 52.90, 27.51
CIE _{LCh}	57, 59.625, 27.481
Yxy	24.9227, 0.4992, 0.3296
Android (android.graphics.Color)	4293155932 (0xFFE45C5C)
YUV	132.6640, -20.0474, 83.6097
Hunter-Lab	49.9226, 47.6333, 19.5696

Details

The CIELCh color **57, 59.625, 27.481** 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 **84, 38.074, 196.894**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 44.954, 27.089**, and **37, 59.886, 27.494** is the 20% darker color. If you saturate the color by 10%, you get **53, 70.707, 30.467**, and if you desaturate by 10%, it is **62, 48.431, 25.113**.

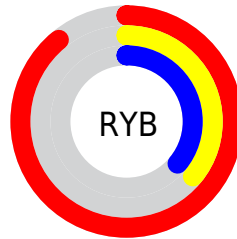
Distribution



Red (89%)

Green (36%)

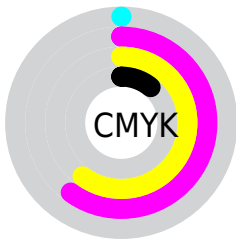
Blue (36%)



Red (89%)

Yellow (36%)

Blue (36%)

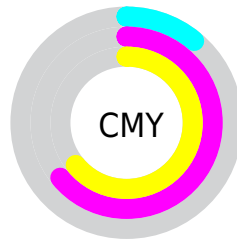


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (11%)



Cyan (11%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 59.625, 27.481 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 57, 59.625, 27.481 by changing the saturation by 10% instead.

■ 57, 59.625, 27.481

■ 57, 59.625, 27.481

■ 100, 59.625,
27.481

■ 47, 59.625, 27.481

■ 77, 59.625, 27.481

■ 37, 59.625, 27.481

■ 87, 59.625, 27.481

■ 27, 59.625, 27.481

■ 97, 59.625, 27.481

■ 17, 59.625, 27.481

■ 7, 59.625, 27.481

■ 0, 59.625, 27.481

■ 57, 59.625, 27.481

■ 57, 59.625, 27.481

■ 53, 70.707, 30.467

■ 62, 48.431, 25.113

■ 50, 81.174, 33.965

■ 67, 37.493, 23.284

■ 49, 90.060, 37.442

■ 72, 27.054, 21.886

■ 48, 95.897, 39.916

■ 78, 17.254, 20.810

■ 48, 96.092, 40.001

■ 85, 8.144, 19.955

■ 91, 0.285, 201.535

■ 97, 8.074, 198.976

■ 98, 9.182, 198.897

Harmonies

Complementary

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



57, 59.625, 27.481



84, 38.074, 196.894

Rectangle

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



57, 59.625, 27.481



57, 59.625, 77.481



57, 59.625, 207.481



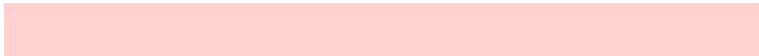
57, 59.625, 257.481

Sweetspot

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



57, 59.622, 27.484



88, 17.205, 20.668



61, 82.311, 327.440



45, 12.093, 20.944



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 59.622, 27.484



58, 80.233, 31.405



71, 48.613, 67.861



45, 4.816, 19.940



37, 79.983, 39.972



6, 27.104, 21.760

Inverse Universe

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



84, 38.074, 196.894



92, 46.005, 196.629



64, 40.852, 267.957



47, 4.537, 198.974



66, 38.343, 196.395



18, 16.091, 196.394

Previews

White Background



This preview shows how the CIELCh color 57, 59.625, 27.481 looks on a white background.

Color Contrast Check

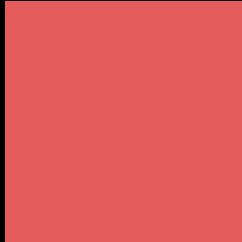
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 59.625, 27.481 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 57, 59.625, 27.481

Background



This preview shows how black text looks on a background with the CIELCh color 57, 59.625, 27.481.



This preview shows how white text looks on a background with the CIELCh color 57, 59.625, 27.481.

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

57, 59.625, 27.481

Protanopia

57, 15.113, 95.480

Deuteranopia

57, 30.806, 76.018

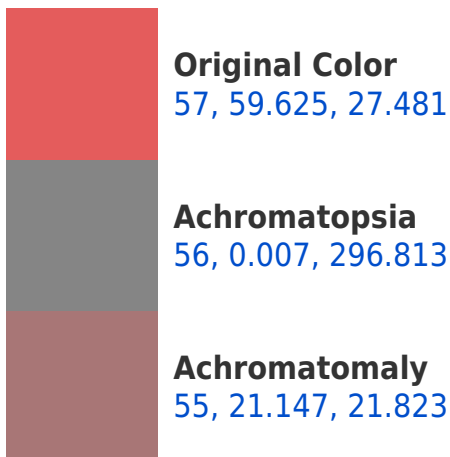


Tritanopia
57, 59.029, 24.545

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 59.625, 27.481 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(228, 92, 92)` looks like.

```
.text, #text, p{  
  color:rgb(228, 92, 92)  
}
```

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(228, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 92, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 59.625, 27.481 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(228, 92, 92) }
```

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

```
.border{ border-color:rgb(228, 92, 92) }
```

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

Here you see how a box with a 4 pixel rgb(228, 92, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(228, 92,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 59.625, 27.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 92, 92) }
```

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

```
.background{ background-color: rgb(228, 92,  
92) }
```

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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