

Converting Colors

CIELCh(57, 57.885, 27.774)

Have a look what the booklet for
CIELCh(57, 57.885, 27.774) contains.

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Color

CIELCh(57, 58.006, 27.665)

Conversions

Conversions Part 1

Format	Color
Hex	E25E5D
RGB	226, 94, 93
RGB Percent	89%, 37%, 36%
CMY	0.1142, 0.6318, 0.6357
CMYK	0.00, 0.58, 0.59, 0.11
HSL	0°, 70%, 63%
HSV	0°, 59%, 89%
XYZ	37.2887, 24.9227, 13.1781
YIQ	133.3540, 78.9930, 27.6730

Conversions

Conversions Part 2

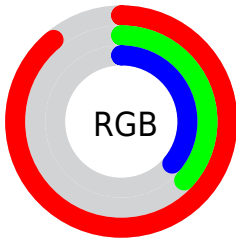
Format	Color
R_{YB}	226, 94, 93
Decimal	14835293
CIE _{Lab}	57.00, 51.37, 26.93
CIE _{LCh}	57, 58.006, 27.665
Yxy	24.9227, 0.4946, 0.3306
Android (android.graphics.Color)	4293025373 (0xFFE25E5D)
YUV	133.3540, -19.8945, 81.2505
Hunter-Lab	49.9226, 45.9626, 19.2951

Details

The CIELCh color **57, 58.006, 27.665** 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 **83, 37.174, 197.749**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.159, 27.689**, and **37, 57.980, 27.762** is the 20% darker color. If you saturate the color by 10%, you get **53, 69.044, 30.522**, and if you desaturate by 10%, it is **62, 46.923, 25.407**.

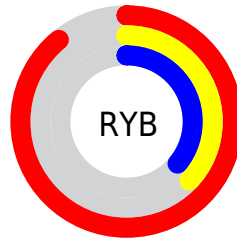
Distribution



Red (89%)

Green (37%)

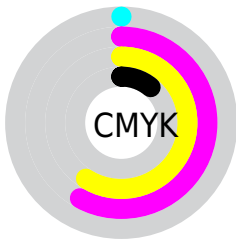
Blue (36%)



Red (89%)

Yellow (37%)

Blue (36%)

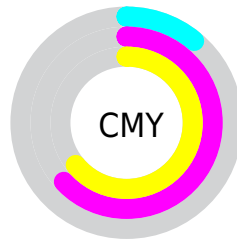


Cyan (0%)

Magenta (58%)

Yellow (59%)

Black (11%)



Cyan (11%)

Magenta (63%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 58.006, 27.665 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, 58.006, 27.665 by changing the saturation by 10% instead.

■ 57, 58.006, 27.665

■ 57, 58.006, 27.665

■ 100, 58.006,
27.665

■ 47, 58.006, 27.665

■ 77, 58.006, 27.665

■ 37, 58.006, 27.665

■ 87, 58.006, 27.665

■ 27, 58.006, 27.665

■ 97, 58.006, 27.665

■ 17, 58.006, 27.665

■ 7, 58.006, 27.665

■ 0, 58.006, 27.665

■ 57, 58.006, 27.665

■ 57, 58.006, 27.665

■ 53, 69.044, 30.522

■ 62, 46.923, 25.407

■ 50, 79.559, 33.893

■ 67, 36.143, 23.665

48, 88.644, 37.306

72, 25.887, 22.334

47, 94.700, 39.791

78, 16.277, 21.312

47, 95.319, 40.061

84, 7.353, 20.494

91, 0.899, 200.654

97, 8.524, 199.587

98, 9.885, 198.848

Harmonies

Complementary

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



57, 58.006, 27.665



83, 37.174, 197.749

Rectangle

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



57, 58.006, 27.665



57, 58.006, 77.665



57, 58.006, 207.665



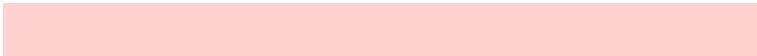
57, 58.006, 257.665

Sweetspot

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



57, 58.003, 27.668



88, 17.080, 21.245



61, 80.850, 327.410



45, 12.007, 21.513



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, 58.003, 27.668



59, 78.761, 31.360



71, 47.545, 67.969



44, 4.693, 20.538



36, 79.009, 40.040



6, 25.408, 21.304

Inverse Universe

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



83, 37.174, 197.749



91, 45.311, 197.559



64, 40.042, 267.690



46, 4.420, 199.624



65, 37.536, 197.545



17, 15.446, 197.355

Previews

White Background



This preview shows how the CIELCh color 57, 58.006, 27.665 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, 58.006, 27.665 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, 58.006, 27.665

Background



This preview shows how black text looks on a background with the CIELCh color 57, 58.006, 27.665.

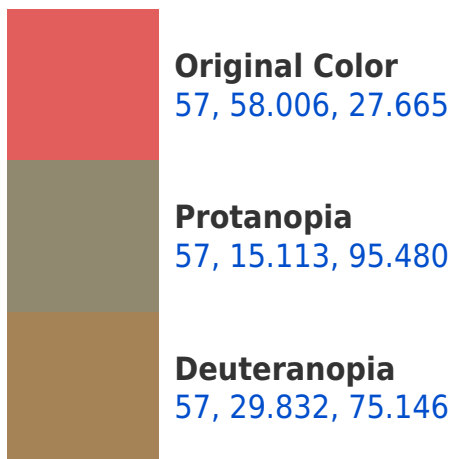


This preview shows how white text looks on a background with the CIELCh color 57, 58.006, 27.665.

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
57, 57.257, 24.099

Trichromacy



Original Color
57, 58.006, 27.665

Protanomaly
56, 25.575, 43.567

Deuteranomaly
56, 36.672, 48.338

Tritanomaly
57, 57.585, 25.168

Monochromacy



Original Color
57, 58.006, 27.665

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 20.324, 23.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 58.006, 27.665 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(226, 94, 93)` looks like.

```
.text, #text, p{  
    color:rgb(226, 94, 93)  
}
```

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(226, 94, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 94, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 58.006, 27.665 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(226, 94, 93) }
```

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

```
.border{ border-color:rgb(226, 94, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 94, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 94, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 94, 93);  
box-shadow:4px 4px 4px 4px rgb(226, 94,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 58.006, 27.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 94, 93) }
```

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

```
.background{ background-color: rgb(226, 94,  
93) }
```

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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