

Converting Colors

CIELCh(58, 55.987, 28.719)

Have a look what the booklet for
CIELCh(58, 55.987, 28.719) contains.

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Color

CIELCh(58, 56.110, 28.736)

Conversions

Conversions Part 1

Format	Color
Hex	E2635F
RGB	226, 99, 95
RGB Percent	89%, 39%, 37%
CMY	0.1132, 0.6113, 0.6271
CMYK	0.00, 0.56, 0.58, 0.11
HSL	2°, 69%, 63%
HSV	2°, 58%, 89%
XYZ	37.9452, 25.9610, 13.8609
YIQ	136.5170, 76.9760, 25.6800

Conversions

Conversions Part 2

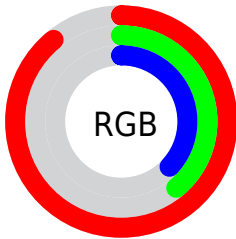
Format	Color
R_{YB}	226, 99, 95
Decimal	14836575
CIE _{Lab}	58.00, 49.20, 26.98
CIE _{LCh}	58, 56.110, 28.736
Yxy	25.9610, 0.4879, 0.3338
Android (android.graphics.Color)	4293026655 (0xFFE2635F)
YUV	136.5170, -20.4679, 78.4766
Hunter-Lab	50.9519, 43.7676, 19.5371

Details

The CIELCh color **58, 56.110, 28.736** 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 **82, 35.921, 200.444**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 42.427, 28.297**, and **38, 56.079, 28.452** is the 20% darker color. If you saturate the color by 10%, you get **54, 67.203, 31.301**, and if you desaturate by 10%, it is **63, 45.104, 26.716**.

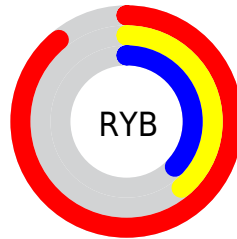
Distribution



Red (89%)

Green (39%)

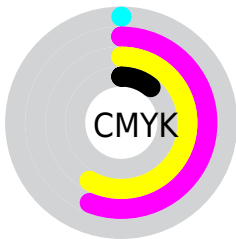
Blue (37%)



Red (89%)

Yellow (39%)

Blue (37%)

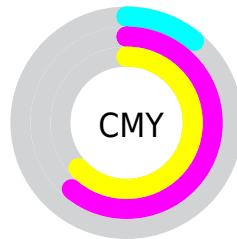


Cyan (0%)

Magenta (56%)

Yellow (58%)

Black (11%)



Cyan (11%)

Magenta (61%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 56.110, 28.736 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, 56.110, 28.736 by changing the saturation by 10% instead.

■ 58, 56.110, 28.736

■ 58, 56.110, 28.736

■ 100, 56.110,
28.736

■ 48, 56.110, 28.736

■ 78, 56.110, 28.736

■ 38, 56.110, 28.736

■ 88, 56.110, 28.736

■ 28, 56.110, 28.736

■ 98, 56.110, 28.736

■ 18, 56.110, 28.736

■ 8, 56.110, 28.736

■ 0, 56.110, 28.736

■ 58, 56.110, 28.736

■ 58, 56.110, 28.736

■ 54, 67.203, 31.301

■ 63, 45.104, 26.716

■ 51, 77.933, 34.346

■ 68, 34.493, 25.163

49, 87.436, 37.475

73, 24.460, 23.984

48, 94.005, 39.770

79, 15.095, 23.084

47, 95.106, 40.250

85, 6.419, 22.363

91, 1.595, 202.335

97, 8.996, 201.638

98, 9.803, 198.854

Harmonies

Complementary

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



58, 56.110, 28.736



82, 35.921, 200.444

Rectangle

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



58, 56.110, 28.736



58, 56.110, 78.736



58, 56.110, 208.736



58, 56.110, 258.736

Sweetspot

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



58, 56.107, 28.739



89, 15.713, 23.019



61, 79.022, 327.879



46, 10.596, 23.180



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, 56.107, 28.739



60, 76.621, 32.031



72, 46.925, 69.701



44, 4.587, 22.467



37, 78.690, 40.308



6, 25.004, 22.461

Inverse Universe

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



82, 35.921, 200.444



90, 43.840, 200.503



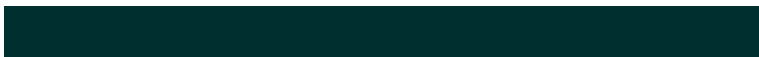
64, 40.400, 269.208



46, 4.318, 201.706



63, 36.372, 201.305



17, 15.039, 200.473

Previews

White Background



This preview shows how the CIELCh color 58, 56.110, 28.736 looks on a white background.

Color Contrast Check

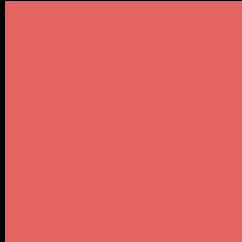
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.110, 28.736 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, 56.110, 28.736

Background



This preview shows how black text looks on a background with the CIELCh color 58, 56.110, 28.736.

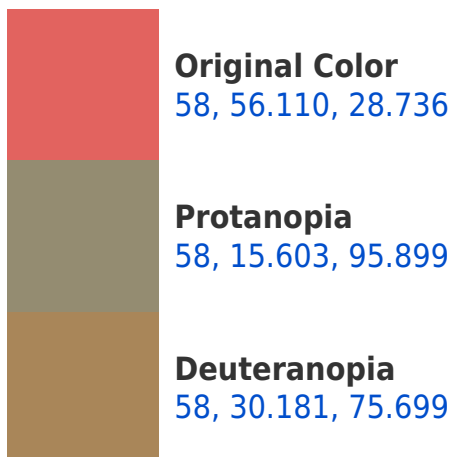


This preview shows how white text looks on a background with the CIELCh color 58, 56.110, 28.736.

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](#).

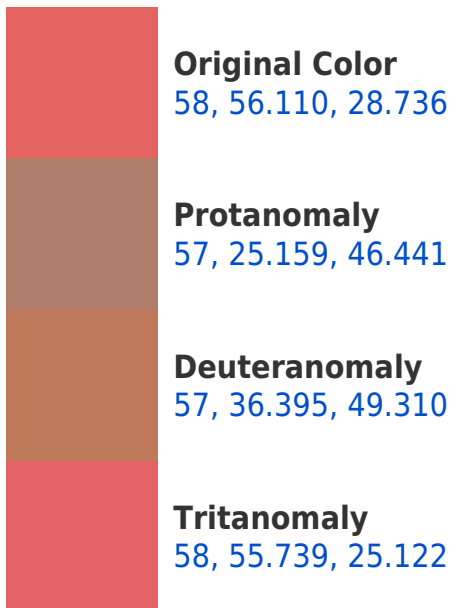
Dichromacy



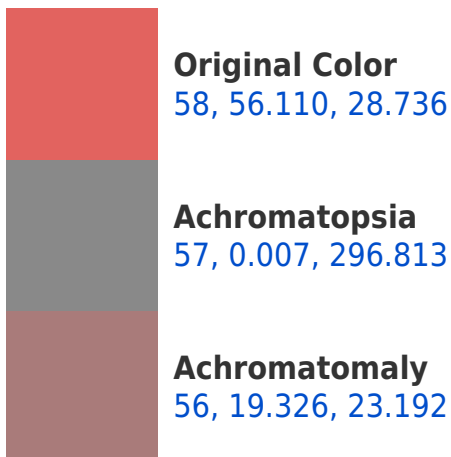


Tritanopia
58, 55.271, 23.463

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 56.110, 28.736 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, 99, 95)` looks like.

```
.text, #text, p{  
    color:rgb(226, 99, 95)  
}
```

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, 99, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 99, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 56.110, 28.736 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, 99, 95) }
```

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

```
.border{ border-color:rgb(226, 99, 95) }
```

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

Here you see how a box with a 4 pixel rgb(226, 99, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 99, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 99, 95);  
box-shadow:4px 4px 4px 4px rgb(226, 99,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 56.110, 28.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 99, 95) }
```

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

```
.background{ background-color: rgb(226, 99,  
95) }
```

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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