

Converting Colors

CIELCh(56, 64.050, 35.112)

Have a look what the booklet for
CIELCh(56, 64.050, 35.112) contains.

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Color

CIELCh(56, 64.050, 35.112)

Conversions

Conversions Part 1

Format	Color
Hex	E25949
RGB	226, 89, 73
RGB Percent	89%, 35%, 29%
CMY	0.1123, 0.6497, 0.7126
CMYK	0.00, 0.61, 0.68, 0.11
HSL	6°, 73%, 59%
HSV	6°, 68%, 89%
XYZ	36.2922, 23.9124, 9.0548
YIQ	128.1390, 86.7880, 24.0680

Conversions

Conversions Part 2

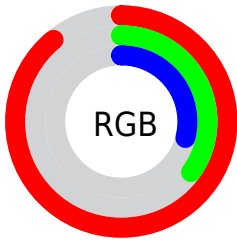
Format	Color
R_{YB}	226, 91, 73
Decimal	14833993
CIE _{Lab}	56.00, 52.39, 36.84
CIE _{LCh}	56, 64.050, 35.112
Yxy	23.9124, 0.5240, 0.3453
Android (android.graphics.Color)	4293024073 (0xFFE25949)
YUV	128.1390, -27.1835, 85.8241
Hunter-Lab	48.9003, 46.9012, 23.2515

Details

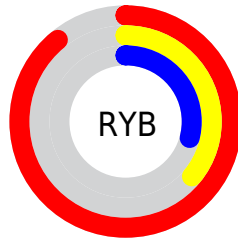
The CIELCh color **56, 64.050, 35.112** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **78, 36.597, 210.765**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 49.832, 37.165**, and **36, 64.084, 35.110** is the 20% darker color. If you saturate the color by 10%, you get **53, 75.016, 37.233**, and if you desaturate by 10%, it is **60, 53.006, 33.325**.

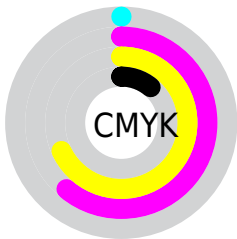
Distribution



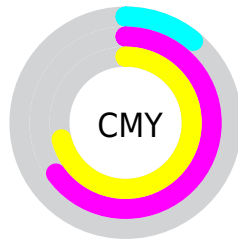
- Red (89%)
- Green (35%)
- Blue (29%)



- Red (89%)
- Yellow (36%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (68%)
- Black (11%)



- Cyan (11%)
- Magenta (65%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 64.050, 35.112 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 56, 64.050, 35.112 by changing the saturation by 10% instead.

 56, 64.050, 35.112

 56, 64.050, 35.112

 100, 64.050,
35.112

 46, 64.050, 35.112

 76, 64.050, 35.112

 36, 64.050, 35.112

 86, 64.050, 35.112

 26, 64.050, 35.112

 96, 64.050, 35.112

 16, 64.050, 35.112

 6, 64.050, 35.112

 0, 64.050, 35.112

 56, 64.050, 35.112

 56, 64.050, 35.112

 53, 75.016, 37.233

 60, 53.006, 33.325

 50, 85.064, 39.354

 65, 42.302, 31.925

48, 92.489, 40.715

69, 32.153, 30.878

48, 93.956, 41.070

75, 22.665, 30.119

80, 13.872, 29.579

86, 5.758, 29.169

91, 1.719, 209.413

97, 8.619, 209.011

98, 9.721, 198.860

Harmonies

Complementary

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



56, 64.050, 35.112



78, 36.597, 210.765

Rectangle

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



56, 64.050, 35.112



56, 64.050, 85.112



56, 64.050, 215.112



56, 64.050, 265.112

Sweetspot

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



56, 64.047, 35.115



88, 17.516, 29.697



58, 83.938, 331.138



45, 12.092, 29.844



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 64.047, 35.115



58, 86.575, 38.094



72, 56.615, 75.994



44, 4.288, 29.242



37, 77.530, 41.304



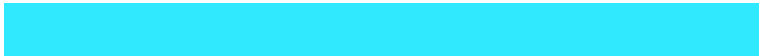
7, 23.766, 26.440

Inverse Universe

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



78, 36.597, 210.765



85, 43.129, 212.350



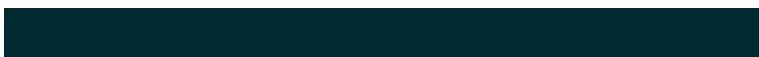
56, 53.429, 280.439



46, 4.033, 209.041



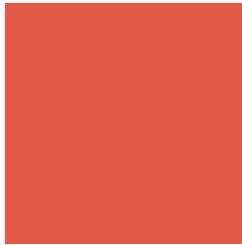
59, 33.679, 215.096



15, 14.023, 211.707

Previews

White Background



This preview shows how the CIELCh color 56, 64.050, 35.112 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 56, 64.050, 35.112 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 56, 64.050, 35.112

Background



This preview shows how black text looks on a background with the CIELCh color 56, 64.050, 35.112.



This preview shows how white text looks on a background with the CIELCh color 56, 64.050, 35.112.

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

56, 64.050, 35.112

Protanopia

56, 25.861, 96.236

Deuteranopia

56, 39.457, 79.130



Tritanopia
56, 60.710, 25.566

Trichromacy



Original Color
56, 64.050, 35.112

Protanomaly
55, 33.332, 56.273

Deuteranomaly
55, 44.558, 55.895

Tritanomaly
56, 61.808, 29.354

Monochromacy



Original Color
56, 64.050, 35.112

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 22.027, 30.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 64.050, 35.112 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, 89, 73)` looks like.

```
.text, #text, p{  
    color:rgb(226, 89, 73)  
}
```

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, 89, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 89, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 64.050, 35.112 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, 89, 73) }
```

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

```
.border{ border-color:rgb(226, 89, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 89, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 89, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 89, 73);  
box-shadow:4px 4px 4px 4px rgb(226, 89,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 64.050, 35.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 89, 73) }
```

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

```
.background{ background-color: rgb(226, 89,  
73) }
```

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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