

Converting Colors

CIELCh(58, 64.116, 33.661)

Have a look what the booklet for
CIELCh(58, 64.116, 33.661) contains.

CIELCh(58, 64.289, 33.972)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 64.289, 33.972)

Conversions

Conversions Part 1

Format	Color
Hex	EA5E50
RGB	234, 94, 80
RGB Percent	92%, 37%, 31%
CMY	0.0837, 0.6325, 0.6873
CMYK	0.00, 0.60, 0.66, 0.08
HSL	5°, 78%, 61%
HSV	5°, 66%, 92%
XYZ	39.2321, 25.9610, 10.4820
YIQ	134.2640, 87.9340, 25.3260

Conversions

Conversions Part 2

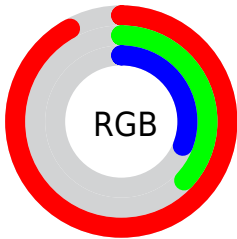
Format	Color
RYB	234, 95, 80
Decimal	15359568
CIELab	58.00, 53.32, 35.92
CIELCh	58, 64.289, 33.972
Yxy	25.9610, 0.5184, 0.3431
Android (android.graphics.Color)	4293549648 (0xFFEA5E50)
YUV	134.2640, -26.7522, 87.4685
Hunter-Lab	50.9519, 48.2760, 23.4691

Details

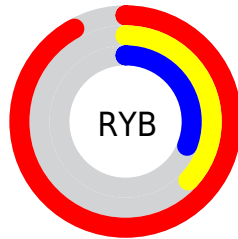
The CIELCh color **58, 64.289, 33.972** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **81, 37.445, 208.567**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 46.681, 35.803**, and **38, 64.191, 33.892** is the 20% darker color. If you saturate the color by 10%, you get **54, 75.585, 36.224**, and if you desaturate by 10%, it is **62, 52.958, 32.107**.

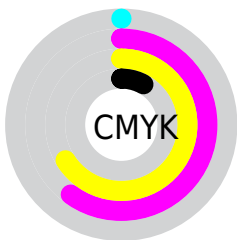
Distribution



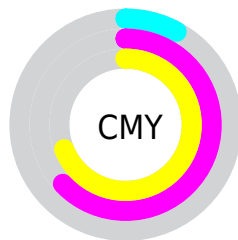
- Red (92%)
- Green (37%)
- Blue (31%)



- Red (92%)
- Yellow (37%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (66%)
- Black (8%)



- Cyan (8%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 64.289, 33.972 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, 64.289, 33.972 by changing the saturation by 10% instead.

58, 64.289, 33.972

58, 64.289, 33.972

100, 64.289,
33.972

48, 64.289, 33.972

78, 64.289, 33.972

38, 64.289, 33.972

88, 64.289, 33.972

28, 64.289, 33.972

98, 64.289, 33.972

18, 64.289, 33.972

8, 64.289, 33.972

0, 64.289, 33.972

58, 64.289, 33.972

58, 64.289, 33.972

54, 75.585, 36.224

62, 52.958, 32.107

52, 86.081, 38.580

67, 41.988, 30.654

50, 94.093, 40.263

72, 31.592, 29.564

49, 96.567, 40.842

78, 21.878, 28.766

83, 12.876, 28.186

89, 4.571, 27.713

95, 3.085, 207.798

99, 7.303, 199.034

Harmonies

Complementary

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



58, 64.289, 33.972



81, 37.445, 208.567

Rectangle

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



58, 64.289, 33.972



58, 64.289, 83.972



58, 64.289, 213.972



58, 64.289, 263.972

Sweetspot

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



58, 64.286, 33.975



88, 17.725, 28.410



60, 85.488, 330.445



45, 12.235, 28.576



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, 64.286, 33.975



58, 84.844, 37.064



74, 56.267, 74.747



46, 4.502, 27.887



38, 79.514, 41.054



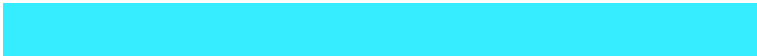
8, 26.726, 27.669

Inverse Universe

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



81, 37.445, 208.567



86, 43.297, 209.769



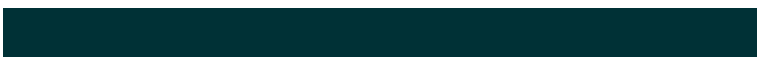
59, 51.997, 278.429



48, 4.233, 207.570



62, 34.775, 212.325



18, 15.072, 209.750

Previews

White Background



This preview shows how the CIELCh color 58, 64.289, 33.972 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, 64.289, 33.972 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, 64.289, 33.972

Background



This preview shows how black text looks on a background with the CIELCh color 58, 64.289, 33.972.



This preview shows how white text looks on a background with the CIELCh color 58, 64.289, 33.972.

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

58, 64.289, 33.972

Protanopia

58, 24.623, 96.067

Deuteranopia

58, 38.969, 78.527



Tritanopia
58, 61.460, 24.993

Trichromacy



Original Color
58, 64.289, 33.972

Protanomaly
57, 32.617, 54.598

Deuteranomaly
57, 44.140, 55.234

Tritanomaly
58, 62.291, 28.263

Monochromacy



Original Color
58, 64.289, 33.972

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 22.103, 29.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 64.289, 33.972 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(234, 94, 80)` looks like.

```
.text, #text, p{  
    color:rgb(234, 94, 80)  
}
```

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(234, 94, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 94, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 64.289, 33.972 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(234, 94, 80) }
```

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

```
.border{ border-color:rgb(234, 94, 80) }
```

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

Here you see how a box with a 4 pixel rgb(234, 94, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 94, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 94, 80);  
box-shadow:4px 4px 4px 4px rgb(234, 94,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 64.289, 33.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 94, 80) }
```

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

```
.background{ background-color: rgb(234, 94,  
80) }
```

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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