

Converting Colors

CIELCh(58, 74.411, 33.161)

Have a look what the booklet for
CIELCh(58, 74.411, 33.161) contains.

CIELCh(58, 74.411, 33.161)	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, 74.411, 33.161)

Conversions

Conversions Part 1

Format	Color
Hex	F65148
RGB	246, 81, 72
RGB Percent	96%, 32%, 28%
CMY	0.0351, 0.6821, 0.7175
CMYK	0.00, 0.67, 0.71, 0.04
HSL	3°, 91%, 62%
HSV	3°, 71%, 96%
XYZ	42.1390, 25.9610, 8.9266
YIQ	129.3090, 101.2290, 32.1810

Conversions

Conversions Part 2

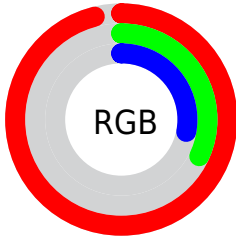
Format	Color
R_{YB}	246, 81, 72
Decimal	16142664
CIE _{Lab}	58.00, 62.29, 40.70
CIE _{LCh}	58, 74.411, 33.161
Yxy	25.9610, 0.5471, 0.3370
Android (android.graphics.Color)	4294332744 (0xFFFF65148)
YUV	129.3090, -28.2533, 102.3380
Hunter-Lab	50.9519, 58.4598, 25.2789

Details

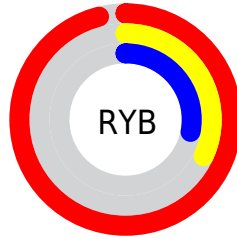
The CIELCh color **58, 74.411, 33.161** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **86, 41.874, 203.357**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 51.590, 34.226**, and **38, 74.381, 33.204** is the 20% darker color. If you saturate the color by 10%, you get **55, 85.748, 36.040**, and if you desaturate by 10%, it is **62, 62.550, 30.657**.

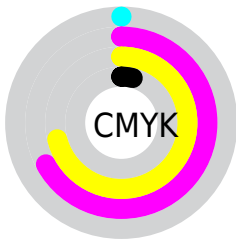
Distribution



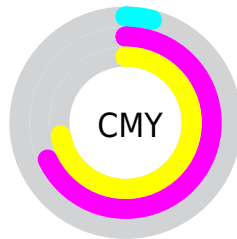
- Red (96%)
- Green (32%)
- Blue (28%)



- Red (96%)
- Yellow (32%)
- Blue (28%)



- Cyan (0%)
- Magenta (67%)
- Yellow (71%)
- Black (4%)



- Cyan (4%)
- Magenta (68%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 74.411, 33.161 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, 74.411, 33.161 by changing the saturation by 10% instead.

 58, 74.411, 33.161

 58, 74.411, 33.161

 100, 74.411,
33.161

 48, 74.411, 33.161

 78, 74.411, 33.161

 38, 74.411, 33.161

 88, 74.411, 33.161

 28, 74.411, 33.161

 98, 74.411, 33.161

 18, 74.411, 33.161

 8, 74.411, 33.161

 0, 74.411, 33.161

 58, 74.411, 33.161

 58, 74.411, 33.161

 55, 85.748, 36.040

 62, 62.550, 30.657

 53, 95.364, 38.734

 67, 50.753, 28.649

52, 101.143,
40.387

72, 39.361, 27.105

78, 28.582, 25.939

84, 18.519, 25.063

90, 9.198, 24.389

96, 0.596, 22.901

99, 3.098, 199.423

Harmonies

Complementary

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



58, 74.411, 33.161



86, 41.874, 203.357

Rectangle

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



58, 74.411, 33.161



58, 74.411, 83.161



58, 74.411, 213.161



58, 74.411, 263.161

Sweetspot

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



58, 74.408, 33.164



86, 19.343, 25.087



62, 95.484, 329.483



44, 13.240, 25.307



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, 74.408, 33.164



56, 92.821, 37.314



75, 62.572, 70.879



48, 4.830, 24.313



39, 81.833, 40.540



9, 29.925, 27.758

Inverse Universe

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



86, 41.874, 203.357



88, 45.867, 204.067



62, 55.286, 277.192



50, 4.542, 203.694



66, 36.934, 205.017



20, 16.556, 203.799

Previews

White Background



This preview shows how the CIELCh color 58, 74.411, 33.161 looks on a white background.

Color Contrast Check

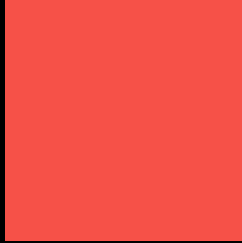
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.411, 33.161 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, 74.411, 33.161

Background



This preview shows how black text looks on a background with the CIELCh color 58, 74.411, 33.161.

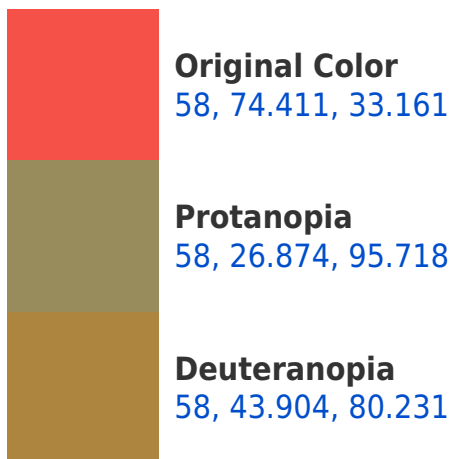


This preview shows how white text looks on a background with the CIELCh color 58, 74.411, 33.161.

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, 72.467, 28.053

Trichromacy



Original Color
58, 74.411, 33.161

Protanomaly
56, 37.175, 52.475

Deuteranomaly
57, 50.421, 53.826

Tritanomaly
58, 73.103, 29.904

Monochromacy



Original Color
58, 74.411, 33.161

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 26.210, 27.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 74.411, 33.161 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(246, 81, 72)` looks like.

```
.text, #text, p{  
    color:rgb(246, 81, 72)  
}
```

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(246, 81, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 81, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 74.411, 33.161 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(246, 81, 72) }
```

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

```
.border{ border-color:rgb(246, 81, 72) }
```

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

Here you see how a box with a 4 pixel rgb(246, 81, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 81, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 81, 72);  
box-shadow:4px 4px 4px 4px rgb(246, 81,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 74.411, 33.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 81, 72) }
```

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

```
.background{ background-color: rgb(246, 81,  
72) }
```

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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