

Converting Colors

CIELCh(58, 71.182, 32.400)

Have a look what the booklet for
CIELCh(58, 71.182, 32.400) contains.

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Color

CIELCh(58, 71.485, 32.421)

Conversions

Conversions Part 1

Format	Color
Hex	F3544C
RGB	243, 84, 76
RGB Percent	95%, 33%, 30%
CMY	0.0465, 0.6701, 0.7016
CMYK	0.00, 0.65, 0.69, 0.05
HSL	3°, 88%, 63%
HSV	3°, 69%, 95%
XYZ	41.4959, 25.9610, 9.6794
YIQ	130.6290, 97.3320, 31.2200

Conversions

Conversions Part 2

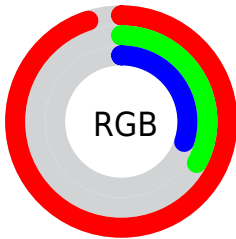
Format	Color
R_{YB}	243, 84, 76
Decimal	15946828
CIE Lab	58.00, 60.34, 38.33
CIE LCh	58, 71.485, 32.421
Yxy	25.9610, 0.5380, 0.3366
Android (android.graphics.Color)	4294136908 (0xFFFF3544C)
YUV	130.6290, -26.9321, 98.5494
Hunter-Lab	50.9519, 56.2068, 24.4030

Details

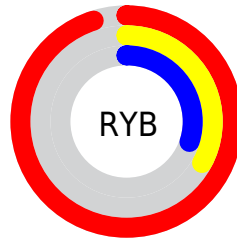
The CIELCh color **58, 71.485, 32.421** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **86, 41.086, 202.779**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 49.894, 33.751**, and **38, 71.329, 32.328** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.869, 35.295**, and if you desaturate by 10%, it is **62, 59.715, 29.979**.

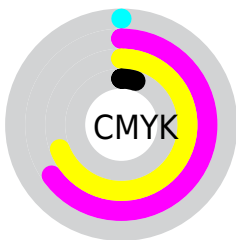
Distribution



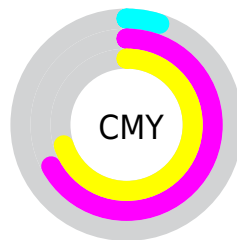
- Red (95%)
- Green (33%)
- Blue (30%)



- Red (95%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (65%)
- Yellow (69%)
- Black (5%)



- Cyan (5%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 71.485, 32.421 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, 71.485, 32.421 by changing the saturation by 10% instead.

■ 58, 71.485, 32.421

■ 58, 71.485, 32.421

■ 100, 71.485,
32.421

■ 48, 71.485, 32.421

■ 78, 71.485, 32.421

■ 38, 71.485, 32.421

■ 88, 71.485, 32.421

■ 28, 71.485, 32.421

■ 98, 71.485, 32.421

■ 18, 71.485, 32.421

■ 8, 71.485, 32.421

■ 0, 71.485, 32.421

■ 58, 71.485, 32.421

■ 58, 71.485, 32.421

■ 55, 82.869, 35.295

■ 62, 59.715, 29.979

■ 52, 92.870, 38.155

■ 67, 48.078, 28.042

51, 99.578, 40.096

72, 36.883, 26.559

51, 100.278,
40.361

78, 26.318, 25.439

84, 16.470, 24.595

90, 7.356, 23.932

97, 1.054, 204.175

99, 4.096, 199.307

Harmonies

Complementary

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



58, 71.485, 32.421



86, 41.086, 202.779

Rectangle

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



58, 71.485, 32.421



58, 71.485, 82.421



58, 71.485, 212.421



58, 71.485, 262.421

Sweetspot

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



58, 71.482, 32.424



86, 19.409, 24.774



62, 93.899, 328.835



44, 13.285, 24.998



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, 71.482, 32.424



56, 89.799, 36.340



74, 59.996, 69.672



48, 4.847, 23.982



39, 81.884, 40.501



9, 30.000, 27.557

Inverse Universe

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



86, 41.086, 202.779



88, 45.643, 203.317



63, 51.811, 274.779



50, 4.559, 203.335



66, 37.099, 204.346



21, 16.623, 203.227

Previews

White Background



This preview shows how the CIELCh color 58, 71.485, 32.421 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, 71.485, 32.421 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, 71.485, 32.421

Background



This preview shows how black text looks on a background with the CIELCh color 58, 71.485, 32.421.



This preview shows how white text looks on a background with the CIELCh color 58, 71.485, 32.421.

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, 71.485, 32.421

Protanopia

58, 25.164, 96.225

Deuteranopia

58, 41.346, 79.741



Tritanopia
58, 69.625, 27.710

Trichromacy



Original Color
58, 71.485, 32.421

Protanomaly
57, 35.200, 51.244

Deuteranomaly
57, 48.012, 53.363

Tritanomaly
58, 70.484, 29.378

Monochromacy



Original Color
58, 71.485, 32.421

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 25.102, 26.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 71.485, 32.421 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(243, 84, 76)` looks like.

```
.text, #text, p{  
    color:rgb(243, 84, 76)  
}
```

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(243, 84, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 84, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 71.485, 32.421 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(243, 84, 76) }
```

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

```
.border{ border-color:rgb(243, 84, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 84, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 84, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 84, 76);  
box-shadow:4px 4px 4px 4px rgb(243, 84,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 71.485, 32.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 84, 76) }
```

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

```
.background{ background-color: rgb(243, 84,  
76) }
```

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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