

Converting Colors

CIELCh(58, 68.830, 24.682)

Have a look what the booklet for
CIELCh(58, 68.830, 24.682) contains.

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Color

CIELCh(58, 68.741, 24.834)

Conversions

Conversions Part 1

Format	Color
Hex	F4525D
RGB	244, 82, 93
RGB Percent	96%, 32%, 36%
CMY	0.0443, 0.6795, 0.6362
CMYK	0.00, 0.66, 0.62, 0.04
HSL	356°, 88%, 64%
HSV	356°, 66%, 96%
XYZ	42.1696, 25.9610, 13.0927
YIQ	131.6920, 93.0210, 37.7650

Conversions

Conversions Part 2

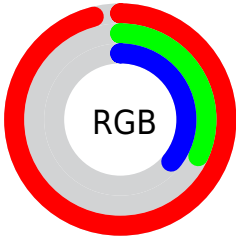
Format	Color
RYB	244, 82, 93
Decimal	16011869
CIELab	58.00, 62.38, 28.87
CIELCh	58, 68.741, 24.834
Yxy	25.9610, 0.5192, 0.3196
Android (android.graphics.Color)	4294201949 (0xFFFF4525D)
YUV	131.6920, -19.0752, 98.4941
Hunter-Lab	50.9519, 58.5670, 20.4311

Details

The CIELCh color **58, 68.741, 24.834** 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 **88, 44.400, 189.046**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 47.578, 21.833**, and **38, 68.787, 24.929** is the 20% darker color. If you saturate the color by 10%, you get **55, 79.161, 28.520**, and if you desaturate by 10%, it is **62, 57.749, 21.854**.

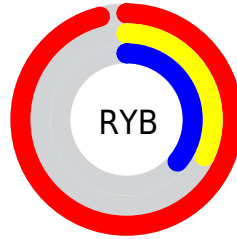
Distribution



Red (96%)

Green (32%)

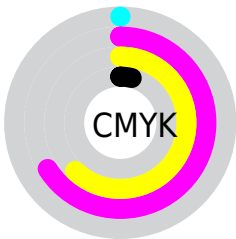
Blue (36%)



Red (96%)

Yellow (32%)

Blue (36%)

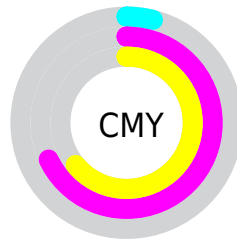


Cyan (0%)

Magenta (66%)

Yellow (62%)

Black (4%)



Cyan (4%)

Magenta (68%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 68.741, 24.834 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, 68.741, 24.834 by changing the saturation by 10% instead.

 58, 68.741, 24.834

 58, 68.741, 24.834

 100, 68.741,
24.834

 48, 68.741, 24.834

 78, 68.741, 24.834

 38, 68.741, 24.834

 88, 68.741, 24.834

 28, 68.741, 24.834

 98, 68.741, 24.834

 18, 68.741, 24.834

 8, 68.741, 24.834

 0, 68.741, 24.834

 58, 68.741, 24.834

 58, 68.741, 24.834

 55, 79.161, 28.520

 62, 57.749, 21.854

 52, 88.584, 32.742

 67, 46.589, 19.512

51, 96.218, 36.846

73, 35.603, 17.688

51, 98.326, 37.953

79, 25.045, 16.257

85, 15.059, 15.114

92, 5.706, 14.141

98, 3.013, 193.722

99, 3.900, 199.328

Harmonies

Complementary

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



58, 68.741, 24.834



88, 44.400, 189.046

Rectangle

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



58, 68.741, 24.834



58, 68.741, 74.834



58, 68.741, 204.834



58, 68.741, 254.834

Sweetspot

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



58, 68.738, 24.837



86, 19.220, 15.497



61, 93.424, 325.021



44, 13.239, 15.818



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, 68.738, 24.837



56, 85.716, 30.054



70, 57.989, 59.104



48, 5.092, 14.431



39, 79.712, 37.343



8, 30.609, 22.267

Inverse Universe

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



58, 68.738, 24.837



56, 85.716, 30.054



69, 42.419, 260.205



48, 5.092, 14.431



39, 79.712, 37.343



8, 30.609, 22.267

Previews

White Background



This preview shows how the CIELCh color 58, 68.741, 24.834 looks on a white background.

Color Contrast Check

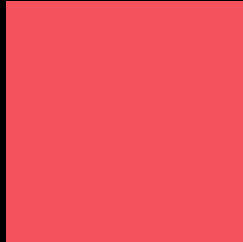
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.741, 24.834 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, 68.741, 24.834

Background



This preview shows how black text looks on a background with the CIELCh color 58, 68.741, 24.834.



This preview shows how white text looks on a background with the CIELCh color 58, 68.741, 24.834.

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, 68.741, 24.834

Protanopia

58, 12.879, 93.676

Deuteranopia

58, 31.942, 76.214



Tritanopia
58, 69.229, 27.650

Trichromacy



Original Color
58, 68.741, 24.834

Protanomaly
56, 28.719, 33.630

Deuteranomaly
57, 41.036, 43.600

Tritanomaly
58, 68.826, 26.790

Monochromacy



Original Color
58, 68.741, 24.834

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 25.016, 17.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 68.741, 24.834 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(244, 82, 93)` looks like.

```
.text, #text, p{  
    color:rgb(244, 82, 93)  
}
```

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(244, 82, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 82, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 68.741, 24.834 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(244, 82, 93) }
```

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

```
.border{ border-color:rgb(244, 82, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 82, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 82, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 82, 93);  
box-shadow:4px 4px 4px 4px rgb(244, 82,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 68.741, 24.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 82, 93) }
```

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

```
.background{ background-color: rgb(244, 82,  
93) }
```

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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