

Converting Colors

CIELCh(58, 70.738, 23.827)

Have a look what the booklet for
CIELCh(58, 70.738, 23.827) contains.

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Color

CIELCh(58, 70.987, 24.040)

Conversions

Conversions Part 1

Format	Color
Hex	F74E5D
RGB	247, 78, 93
RGB Percent	97%, 31%, 36%
CMY	0.0320, 0.6947, 0.6358
CMYK	0.00, 0.68, 0.62, 0.03
HSL	355°, 91%, 64%
HSV	355°, 68%, 97%
XYZ	42.9860, 25.9610, 13.0737
YIQ	130.2410, 95.9090, 40.4930

Conversions

Conversions Part 2

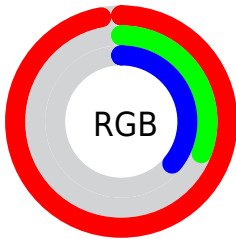
Format	Color
R_{YB}	247, 78, 93
Decimal	16207453
CIE Lab	58.00, 64.83, 28.92
CIE LCh	58, 70.987, 24.040
Yxy	25.9610, 0.5241, 0.3165
Android (android.graphics.Color)	4294397533 (0xFFFF74E5D)
YUV	130.2410, -18.3598, 102.3976
Hunter-Lab	50.9519, 61.4271, 20.4532

Details

The CIELCh color **58, 70.987, 24.040** 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 **89, 46.278, 186.653**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 48.678, 20.272**, and **39, 70.258, 24.996** is the 20% darker color. If you saturate the color by 10%, you get **55, 81.057, 27.929**, and if you desaturate by 10%, it is **62, 60.211, 20.882**.

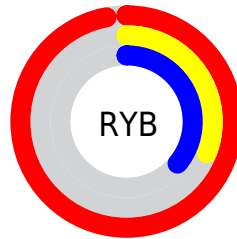
Distribution



Red (97%)

Green (31%)

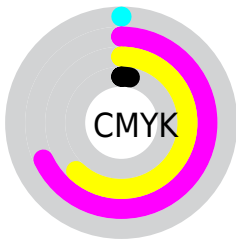
Blue (36%)



Red (97%)

Yellow (31%)

Blue (36%)

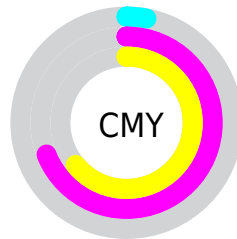


Cyan (0%)

Magenta (68%)

Yellow (62%)

Black (3%)



Cyan (3%)

Magenta (69%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 70.987, 24.040 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, 70.987, 24.040 by changing the saturation by 10% instead.

■ 58, 70.987, 24.040

■ 58, 70.987, 24.040

■ 100, 70.987,
24.040

■ 48, 70.987, 24.040

■ 78, 70.987, 24.040

■ 38, 70.987, 24.040

■ 88, 70.987, 24.040

■ 28, 70.987, 24.040

■ 98, 70.987, 24.040

■ 18, 70.987, 24.040

■ 8, 70.987, 24.040

■ 0, 70.987, 24.040

■ 58, 70.987, 24.040

■ 58, 70.987, 24.040

■ 55, 81.057, 27.929

■ 62, 60.211, 20.882

■ 53, 90.048, 32.361

■ 67, 49.121, 18.393

52, 97.325, 36.622

73, 38.085, 16.448

52, 98.275, 37.142

79, 27.386, 14.917

85, 17.204, 13.691

92, 7.622, 12.665

98, 1.340, 192.414

99, 2.825, 199.461

Harmonies

Complementary

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



58, 70.987, 24.040



89, 46.278, 186.653

Rectangle

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



58, 70.987, 24.040



58, 70.987, 74.040



58, 70.987, 204.040



58, 70.987, 254.040

Sweetspot

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



58, 70.984, 24.042



86, 20.268, 13.983



61, 96.300, 324.526



44, 13.841, 14.314



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, 70.984, 24.042



56, 86.627, 29.520



70, 60.825, 57.389



48, 5.106, 12.766



39, 78.816, 36.418



8, 30.496, 21.419

Inverse Universe

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



58, 70.984, 24.042



56, 86.627, 29.520



70, 42.981, 258.679



48, 5.106, 12.766



39, 78.816, 36.418



8, 30.496, 21.419

Previews

White Background



This preview shows how the CIELCh color 58, 70.987, 24.040 looks on a white background.

Color Contrast Check

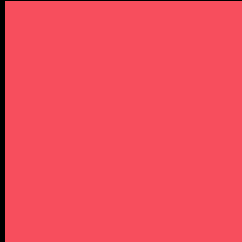
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.987, 24.040 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, 70.987, 24.040

Background



This preview shows how black text looks on a background with the CIELCh color 58, 70.987, 24.040.

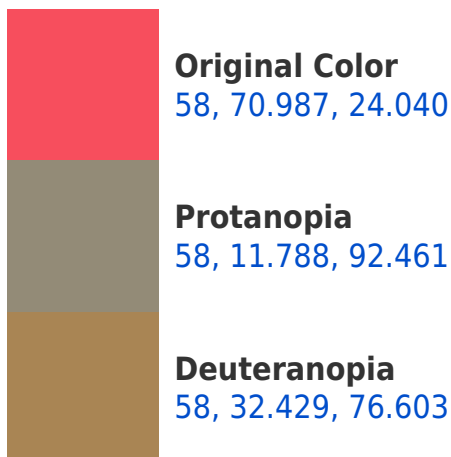


This preview shows how white text looks on a background with the CIELCh color 58, 70.987, 24.040.

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](#).

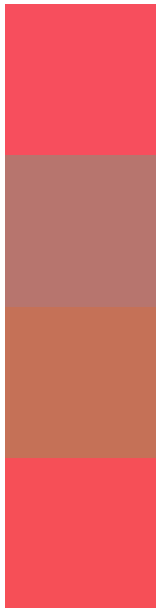
Dichromacy





Tritanopia
58, 72.075, 27.992

Trichromacy



Original Color
58, 70.987, 24.040

Protanomaly
56, 29.074, 30.310

Deuteranomaly
56, 41.970, 43.245

Tritanomaly
58, 71.457, 26.757

Monochromacy



Original Color
58, 70.987, 24.040

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 25.906, 15.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 70.987, 24.040 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(247, 78, 93)` looks like.

```
.text, #text, p{  
    color:rgb(247, 78, 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(247, 78, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 78, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 70.987, 24.040 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(247, 78, 93) }
```

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

```
.border{ border-color:rgb(247, 78, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 78, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 78, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 78, 93);  
box-shadow:4px 4px 4px 4px rgb(247, 78,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 70.987, 24.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 78, 93) }
```

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

```
.background{ background-color: rgb(247, 78,  
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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