

Converting Colors

CIELCh(58, 65.948, 26.455)

Have a look what the booklet for
CIELCh(58, 65.948, 26.455) contains.

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Color

CIELCh(58, 65.948, 26.455)

Conversions

Conversions Part 1

Format	Color
Hex	F0575C
RGB	240, 87, 92
RGB Percent	94%, 34%, 36%
CMY	0.0606, 0.6604, 0.6406
CMYK	0.00, 0.64, 0.62, 0.06
HSL	358°, 83%, 64%
HSV	358°, 64%, 94%
XYZ	41.0705, 25.9610, 12.8912
YIQ	133.3170, 89.5830, 33.9910

Conversions

Conversions Part 2

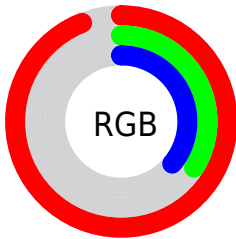
Format	Color
R_{YB}	240, 87, 92
Decimal	15751004
CIE _{Lab}	58.00, 59.04, 29.38
CIE _{LCh}	58, 65.948, 26.455
Yxy	25.9610, 0.5139, 0.3248
Android (android.graphics.Color)	4293941084 (0xFFFF0575C)
YUV	133.3170, -20.3693, 93.5610
Hunter-Lab	50.9519, 54.7167, 20.6655

Details

The CIELCh color **58, 65.948, 26.455** 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 **87, 41.895, 193.058**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 46.287, 24.696**, and **38, 65.819, 26.489** is the 20% darker color. If you saturate the color by 10%, you get **54, 76.865, 29.845**, and if you desaturate by 10%, it is **62, 54.654, 23.726**.

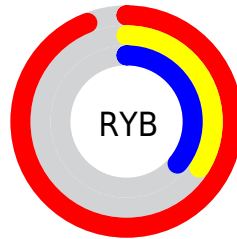
Distribution



Red (94%)

Green (34%)

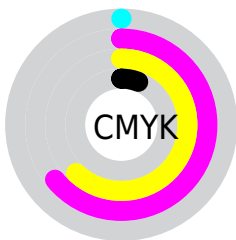
Blue (36%)



Red (94%)

Yellow (34%)

Blue (36%)

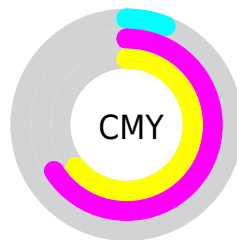


Cyan (0%)

Magenta (64%)

Yellow (62%)

Black (6%)



Cyan (6%)

Magenta (66%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 65.948, 26.455 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, 65.948, 26.455 by changing the saturation by 10% instead.

 58, 65.948, 26.455

 58, 65.948, 26.455

 100, 65.948,
26.455

 48, 65.948, 26.455

 78, 65.948, 26.455

 38, 65.948, 26.455

 88, 65.948, 26.455

 28, 65.948, 26.455

 98, 65.948, 26.455

 18, 65.948, 26.455

 8, 65.948, 26.455

 0, 65.948, 26.455

 58, 65.948, 26.455

 58, 65.948, 26.455

 54, 76.865, 29.845

 62, 54.654, 23.726

 52, 86.896, 33.730

 68, 43.392, 21.595

50, 95.043, 37.453

73, 32.470, 19.948

50, 98.428, 39.029

79, 22.093, 18.668

86, 12.364, 17.654

92, 3.310, 16.730

99, 5.089, 196.414

99, 5.319, 199.193

Harmonies

Complementary

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



58, 65.948, 26.455



87, 41.895, 193.058

Rectangle

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



58, 65.948, 26.455



58, 65.948, 76.455



58, 65.948, 206.455



58, 65.948, 256.455

Sweetspot

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



58, 65.945, 26.458



87, 18.194, 18.156



62, 89.856, 326.542



45, 12.655, 18.457



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, 65.945, 26.458



57, 84.318, 31.133



72, 54.441, 64.100



47, 4.993, 17.264



38, 80.242, 38.661



8, 29.660, 22.481

Inverse Universe

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



58, 65.945, 26.458



57, 84.318, 31.133



67, 43.226, 265.612



47, 4.993, 17.264



38, 80.242, 38.661



8, 29.660, 22.481

Previews

White Background



This preview shows how the CIELCh color 58, 65.948, 26.455 looks on a white background.

Color Contrast Check

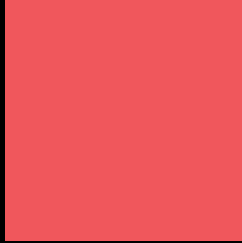
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.948, 26.455 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, 65.948, 26.455

Background



This preview shows how black text looks on a background with the CIELCh color 58, 65.948, 26.455.



This preview shows how white text looks on a background with the CIELCh color 58, 65.948, 26.455.

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, 65.948, 26.455

Protanopia

58, 14.629, 93.501

Deuteranopia

58, 32.682, 75.932



Tritanopia
58, 65.948, 26.455

Trichromacy



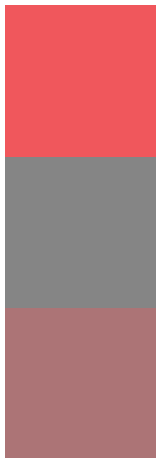
Original Color
58, 65.948, 26.455

Protanomaly
56, 28.221, 38.236

Deuteranomaly
57, 40.572, 46.070

Tritanomaly
58, 65.948, 26.455

Monochromacy



Original Color
58, 65.948, 26.455

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 23.692, 19.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 65.948, 26.455 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(240, 87, 92)` looks like.

```
.text, #text, p{  
    color:rgb(240, 87, 92)  
}
```

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(240, 87, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 87, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 65.948, 26.455 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(240, 87, 92) }
```

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

```
.border{ border-color:rgb(240, 87, 92) }
```

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

Here you see how a box with a 4 pixel rgb(240, 87, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 87, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 87, 92);  
box-shadow:4px 4px 4px 4px rgb(240, 87,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 65.948, 26.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 87, 92) }
```

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

```
.background{ background-color: rgb(240, 87,  
92) }
```

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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