

Converting Colors

CIELCh(58, 75.188, 19.801)

Have a look what the booklet for
CIELCh(58, 75.188, 19.801) contains.

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Color

CIELCh(58, 75.496, 19.847)

Conversions

Conversions Part 1

Format	Color
Hex	FE4363
RGB	254, 67, 99
RGB Percent	100%, 26%, 39%
CMY	0.0042, 0.7375, 0.6120
CMYK	0.00, 0.74, 0.61, 0.00
HSL	350°, 99%, 63%
HSV	350°, 74%, 100%
XYZ	45.0969, 25.9610, 14.4242
YIQ	126.5610, 101.1800, 49.5960

Conversions

Conversions Part 2

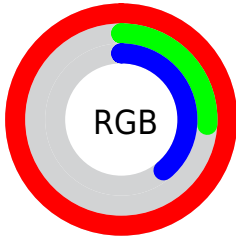
Format	Color
R_{YB}	254, 67, 99
Decimal	16663395
CIE _{Lab}	58.00, 71.01, 25.63
CIE _{LCh}	58, 75.496, 19.847
Yxy	25.9610, 0.5276, 0.3037
Android (android.graphics.Color)	4294853475 (0xFFFE4363)
YUV	126.5610, -13.5876, 111.7640
Hunter-Lab	50.9519, 68.8220, 18.8817

Details

The CIELCh color **58, 75.496, 19.847** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **90, 52.873, 177.706**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.490, 12.325**, and **40, 71.086, 23.111** is the 20% darker color. If you saturate the color by 10%, you get **55, 83.992, 24.279**, and if you desaturate by 10%, it is **62, 65.878, 16.248**.

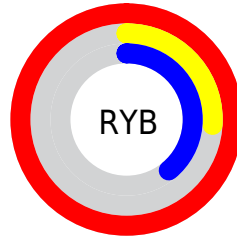
Distribution



Red (100%)

Green (26%)

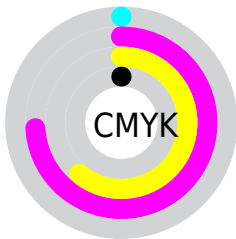
Blue (39%)



Red (100%)

Yellow (26%)

Blue (39%)

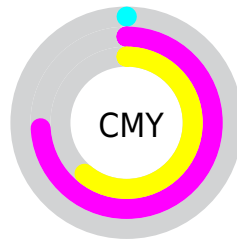


Cyan (0%)

Magenta (74%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 75.496, 19.847 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, 75.496, 19.847 by changing the saturation by 10% instead.

 58, 75.496, 19.847

 58, 75.496, 19.847

 100, 75.496,
19.847

 48, 75.496, 19.847

 78, 75.496, 19.847

 38, 75.496, 19.847

 88, 75.496, 19.847

 28, 75.496, 19.847

 98, 75.496, 19.847

 18, 75.496, 19.847

 8, 75.496, 19.847

 0, 75.496, 19.847

 58, 75.496, 19.847

 58, 75.496, 19.847

 55, 83.992, 24.279

 62, 65.878, 16.248

 54, 91.297, 29.381

 66, 55.448, 13.401

53, 95.442, 32.627

72, 44.613, 11.160

78, 33.757, 9.379

84, 23.166, 7.936

90, 13.010, 6.737

97, 3.376, 5.614

100, 0.374,
201.153

Harmonies

Complementary

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



58, 75.496, 19.847



90, 52.873, 177.706

Rectangle

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



58, 75.496, 19.847



58, 75.496, 69.847



58, 75.496, 199.847



58, 75.496, 249.847

Sweetspot

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



58, 75.492, 19.849



85, 21.541, 7.726



58, 103.290, 321.900



44, 14.575, 8.078



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, 75.492, 19.849



55, 87.618, 26.454



67, 69.691, 50.035



50, 5.378, 6.287



40, 76.393, 31.670



10, 32.155, 20.104

Inverse Universe

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



58, 75.492, 19.849



55, 87.618, 26.454



74, 42.204, 247.932



50, 5.378, 6.287



40, 76.393, 31.670



10, 32.155, 20.104

Previews

White Background



This preview shows how the CIELCh color 58, 75.496, 19.847 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, 75.496, 19.847 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, 75.496, 19.847

Background



This preview shows how black text looks on a background with the CIELCh color 58, 75.496, 19.847.

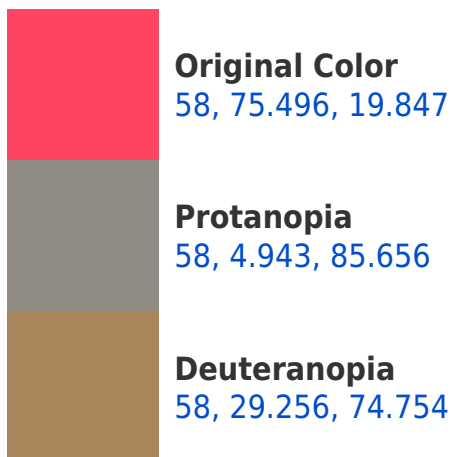


This preview shows how white text looks on a background with the CIELCh color 58, 75.496, 19.847.

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](#).

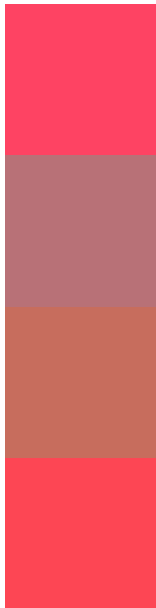
Dichromacy





Tritanopia
58, 78.470, 30.170

Trichromacy



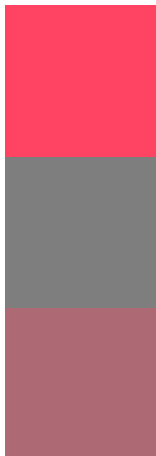
Original Color
58, 75.496, 19.847

Protanomaly
55, 30.065, 16.685

Deuteranomaly
56, 42.062, 36.056

Tritanomaly
58, 76.949, 26.384

Monochromacy



Original Color
58, 75.496, 19.847

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 29.135, 10.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 75.496, 19.847 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(254, 67, 99)` looks like.

```
.text, #text, p{  
    color:rgb(254, 67, 99)  
}
```

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(254, 67, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 67, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 75.496, 19.847 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(254, 67, 99) }
```

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

```
.border{ border-color:rgb(254, 67, 99) }
```

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

Here you see how a box with a 4 pixel rgb(254, 67, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 67, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 67, 99);  
box-shadow:4px 4px 4px 4px rgb(254, 67,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 75.496, 19.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 67, 99) }
```

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

```
.background{ background-color: rgb(254, 67,  
99) }
```

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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