

Converting Colors

CIELCh(58, 74.358, 17.391)

Have a look what the booklet for
CIELCh(58, 74.358, 17.391) contains.

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Color

CIELCh(58, 74.424, 17.187)

Conversions

Conversions Part 1

Format	Color
Hex	FD4369
RGB	253, 67, 105
RGB Percent	99%, 26%, 41%
CMY	0.0073, 0.7367, 0.5878
CMYK	0.00, 0.73, 0.58, 0.01
HSL	348°, 98%, 63%
HSV	348°, 73%, 99%
XYZ	45.1277, 25.9610, 16.0249
YIQ	126.9460, 98.6580, 51.2500

Conversions

Conversions Part 2

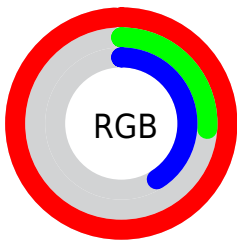
Format	Color
R_{YB}	253, 67, 105
Decimal	16597865
CIE _{Lab}	58.00, 71.10, 21.99
CIE _{LCh}	58, 74.424, 17.187
Yxy	25.9610, 0.5180, 0.2980
Android (android.graphics.Color)	4294787945 (0xFFFD4369)
YUV	126.9460, -10.8194, 110.5494
Hunter-Lab	50.9519, 68.9301, 17.0191

Details

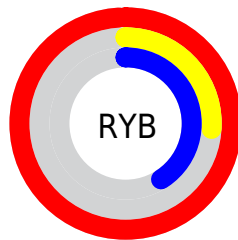
The CIELCh color **58, 74.424, 17.187** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **90, 54.382, 174.682**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.537, 8.726**, and **40, 69.816, 20.587** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.408, 21.598**, and if you desaturate by 10%, it is **62, 65.204, 13.640**.

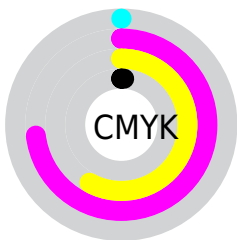
Distribution



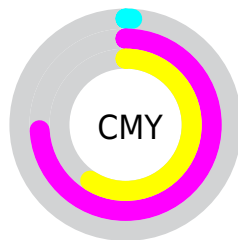
- Red (99%)
- Green (26%)
- Blue (41%)



- Red (99%)
- Yellow (26%)
- Blue (41%)



- Cyan (0%)
- Magenta (73%)
- Yellow (58%)
- Black (1%)



- Cyan (1%)
- Magenta (74%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 74.424, 17.187 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, 74.424, 17.187 by changing the saturation by 10% instead.

 58, 74.424, 17.187

 58, 74.424, 17.187

 100, 74.424,
17.187

 48, 74.424, 17.187

 78, 74.424, 17.187

 38, 74.424, 17.187

 88, 74.424, 17.187

 28, 74.424, 17.187

 98, 74.424, 17.187

 18, 74.424, 17.187

 8, 74.424, 17.187


 0, 74.424, 17.187

 58, 74.424, 17.187

 58, 74.424, 17.187

 55, 82.408, 21.598

 62, 65.204, 13.640

 54, 89.151, 26.787

 66, 55.058, 10.841

■ 53, 93.112, 30.297

■ 72, 44.410, 8.632

■ 78, 33.660, 6.865

■ 84, 23.108, 5.424

■ 90, 12.939, 4.215

■ 97, 3.249, 3.071

100, 0.648,
200.386

Harmonies

Complementary

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



58, 74.424, 17.187



90, 54.382, 174.682

Rectangle

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



58, 74.424, 17.187



58, 74.424, 67.187



58, 74.424, 197.187



58, 74.424, 247.187

Sweetspot

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



58, 74.420, 17.189



85, 21.714, 5.235



57, 102.903, 320.842



44, 14.682, 5.590



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, 74.420, 17.189



55, 86.107, 23.886



66, 70.364, 47.506



50, 5.437, 3.778



40, 74.747, 29.291



10, 31.960, 18.530

Inverse Universe

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



58, 74.420, 17.189



55, 86.107, 23.886



76, 40.910, 242.208



50, 5.437, 3.778



40, 74.747, 29.291



10, 31.960, 18.530

Previews

White Background



This preview shows how the CIELCh color 58, 74.424, 17.187 looks on a white background.

Color Contrast Check

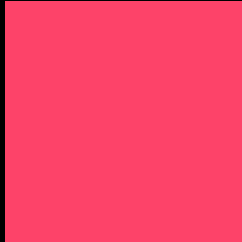
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.424, 17.187 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, 74.424, 17.187

Background



This preview shows how black text looks on a background with the CIELCh color 58, 74.424, 17.187.



This preview shows how white text looks on a background with the CIELCh color 58, 74.424, 17.187.

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, 74.424, 17.187

Protanopia

58, 1.177, 19.165

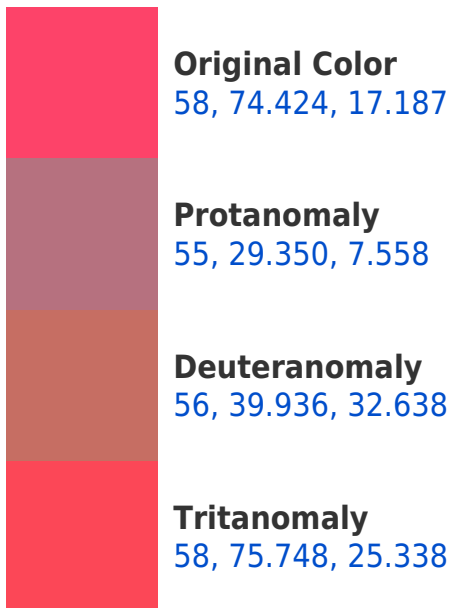
Deuteranopia

58, 26.271, 73.717

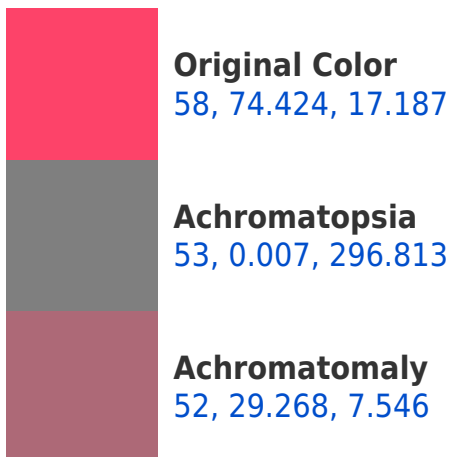


Tritanopia
58, 77.627, 29.975

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 74.424, 17.187 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(253, 67, 105)` looks like.

```
.text, #text, p{  
    color:rgb(253, 67, 105)  
}
```

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(253, 67, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 67, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 74.424, 17.187 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(253, 67, 105) }
```

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

```
.border{ border-color:rgb(253, 67, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 67, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 67, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 67, 105);  
box-shadow:4px 4px 4px 4px rgb(253, 67,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 74.424, 17.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 67, 105) }
```

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

```
.background{ background-color: rgb(253, 67,  
105) }
```

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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