

Converting Colors

CIELCh(58, 75.015, 17.670)

Have a look what the booklet for
CIELCh(58, 75.015, 17.670) contains.

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Color

CIELCh(58, 75.133, 17.565)

Conversions

Conversions Part 1

Format	Color
Hex	FE4268
RGB	254, 66, 104
RGB Percent	100%, 26%, 41%
CMY	0.0040, 0.7412, 0.5922
CMYK	0.00, 0.74, 0.59, 0.00
HSL	348°, 99%, 63%
HSV	348°, 74%, 100%
XYZ	45.3117, 25.9610, 15.7161
YIQ	126.5440, 99.8500, 51.6740

Conversions

Conversions Part 2

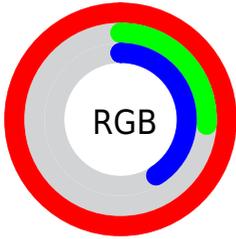
Format	Color
RYB	254, 66, 104
Decimal	16663144
CIELab	58.00, 71.63, 22.67
CIELCh	58, 75.133, 17.565
Yxy	25.9610, 0.5209, 0.2984
Android (android.graphics.Color)	4294853224 (0xFFFE4268)
YUV	126.5440, -11.1142, 111.7789
Hunter-Lab	50.9519, 69.5746, 17.3783

Details

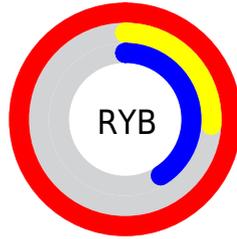
The CIELCh color **58, 75.133, 17.565** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **90, 54.654, 174.773**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.513, 9.324**, and **40, 70.152, 20.757** is the 20% darker color. If you saturate the color by 10%, you get **55, 83.097, 22.026**, and if you desaturate by 10%, it is **62, 65.928, 13.969**.

Distribution



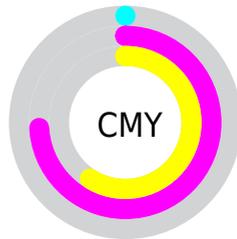
- Red (100%)
- Green (26%)
- Blue (41%)



- Red (100%)
- Yellow (26%)
- Blue (41%)



- Cyan (0%)
- Magenta (74%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 75.133, 17.565 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, 75.133, 17.565 by changing the saturation by 10% instead.

 58, 75.133, 17.565

 58, 75.133, 17.565

 100, 75.133,
17.565

 48, 75.133, 17.565

 78, 75.133, 17.565

 38, 75.133, 17.565

 88, 75.133, 17.565

 28, 75.133, 17.565

 98, 75.133, 17.565

 18, 75.133, 17.565

 8, 75.133, 17.565

 0, 75.133, 17.565

 58, 75.133, 17.565

 58, 75.133, 17.565

 55, 83.097, 22.026

 62, 65.928, 13.969

 54, 89.829, 27.247

 66, 55.779, 11.129

53, 93.480, 30.452

72, 45.109, 8.889

78, 34.324, 7.100

84, 23.726, 5.643

90, 13.509, 4.424

97, 3.771, 3.296

100, 0.354,
201.257

Harmonies

Complementary

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



58, 75.133, 17.565



90, 54.654, 174.773

Rectangle

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



58, 75.133, 17.565



58, 75.133, 67.565



58, 75.133, 197.565



58, 75.133, 247.565

Sweetspot

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



58, 75.129, 17.567



85, 21.703, 5.381



57, 103.689, 320.841



44, 14.675, 5.736



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, 75.129, 17.567



55, 86.872, 24.563



66, 71.178, 47.510



50, 5.433, 3.925



40, 74.842, 29.439



10, 31.972, 18.629

Inverse Universe

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



58, 75.129, 17.567



55, 86.872, 24.563



76, 41.196, 242.407



50, 5.433, 3.925



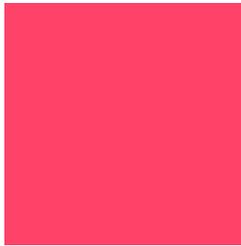
40, 74.842, 29.439



10, 31.972, 18.629

Previews

White Background



This preview shows how the CIELCh color 58, 75.133, 17.565 looks on a white background.

Color Contrast Check

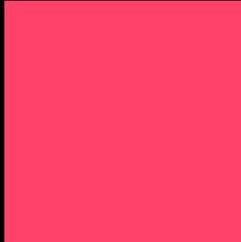
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.133, 17.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

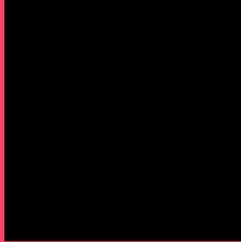
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 75.133, 17.565

Background



This preview shows how black text looks on a background with the CIELCh color 58, 75.133, 17.565.



This preview shows how white text looks on a background with the CIELCh color 58, 75.133, 17.565.

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](#).

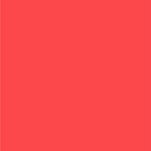
Dichromacy



Original Color
58, 75.133, 17.565

Protanopia
58, 1.667, 39.154

Deuteranopia
58, 26.752, 74.270



Tritanopia
58, 78.470, 30.170

Trichromacy



Original Color
58, 75.133, 17.565

Protanomaly
55, 30.190, 8.142

Deuteranomaly
56, 40.883, 32.570

Tritanomaly
58, 76.553, 25.605

Monochromacy



Original Color
58, 75.133, 17.565

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 29.268, 7.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 75.133, 17.565 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, 66, 104)` looks like.

```
.text, #text, p{  
    color:rgb(254, 66, 104)  
}
```

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, 66, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 66, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 75.133, 17.565 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, 66, 104) }
```

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

```
.border{ border-color:rgb(254, 66, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 66, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 66, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 66, 104);  
box-shadow:4px 4px 4px 4px rgb(254, 66,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 75.133, 17.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 66, 104) }
```

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

```
.background{ background-color: rgb(254, 66,  
104) }
```

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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