

Converting Colors

CIELCh(58, 75.713, 18.536)

Have a look what the booklet for
CIELCh(58, 75.713, 18.536) contains.

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Color

CIELCh(58, 75.713, 18.536)

Conversions

Conversions Part 1

Format	Color
Hex	FF4266
RGB	255, 66, 102
RGB Percent	100%, 26%, 40%
CMY	0.0019, 0.7431, 0.6014
CMYK	0.00, 0.74, 0.60, 0.00
HSL	349°, 100%, 63%
HSV	349°, 74%, 100%
XYZ	45.3658, 25.9610, 15.0975
YIQ	126.6150, 101.0880, 51.2640

Conversions

Conversions Part 2

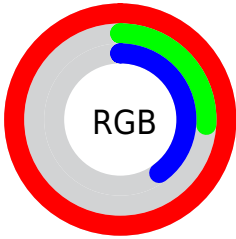
Format	Color
R_{YB}	255, 66, 102
Decimal	16728678
CIE _{Lab}	58.00, 71.79, 24.07
CIE _{LCh}	58, 75.713, 18.536
Yxy	25.9610, 0.5249, 0.3004
Android (android.graphics.Color)	4294918758 (0xFFFF4266)
YUV	126.6150, -12.1352, 112.5936
Hunter-Lab	50.9519, 69.7641, 18.0982

Details

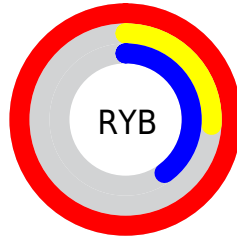
The CIELCh color **58, 75.713, 18.536** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **91, 54.259, 175.738**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.484, 10.524**, and **40, 70.850, 21.870** is the 20% darker color. If you saturate the color by 10%, you get **55, 83.832, 23.024**, and if you desaturate by 10%, it is **62, 66.388, 14.903**.

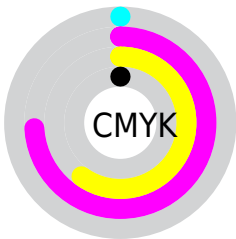
Distribution



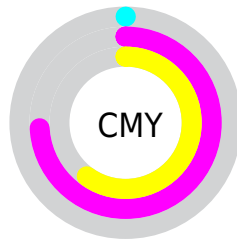
- Red (100%)
- Green (26%)
- Blue (40%)



- Red (100%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (74%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 75.713, 18.536 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, 75.713, 18.536 by changing the saturation by 10% instead.

 58, 75.713, 18.536

 58, 75.713, 18.536

 100, 75.713,
18.536

 48, 75.713, 18.536

 78, 75.713, 18.536

 38, 75.713, 18.536

 88, 75.713, 18.536

 28, 75.713, 18.536

 98, 75.713, 18.536

 18, 75.713, 18.536

 8, 75.713, 18.536

 0, 75.713, 18.536

 58, 75.713, 18.536

 58, 75.713, 18.536

 55, 83.832, 23.024

 62, 66.388, 14.903

 54, 90.739, 28.230

 66, 56.150, 12.032

■ 53, 94.335, 31.254

■ 72, 45.415, 9.769

■ 78, 34.584, 7.966

■ 84, 23.959, 6.502

■ 90, 13.729, 5.281

■ 97, 3.993, 4.162

100, 0.164,
203.432

Harmonies

Complementary

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



58, 75.713, 18.536



91, 54.259, 175.738

Rectangle

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



58, 75.713, 18.536



58, 75.713, 68.536



58, 75.713, 198.536



58, 75.713, 248.536

Sweetspot

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



58, 75.709, 18.538



85, 21.641, 6.209



58, 104.069, 321.368



44, 14.637, 6.563



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, 75.709, 18.538



55, 87.379, 25.429



66, 71.036, 48.747



50, 5.413, 4.757



40, 75.385, 30.253



10, 32.036, 19.172

Inverse Universe

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



58, 75.709, 18.538



55, 87.379, 25.429



75, 41.880, 245.366



50, 5.413, 4.757



40, 75.385, 30.253



10, 32.036, 19.172

Previews

White Background



This preview shows how the CIELCh color 58, 75.713, 18.536 looks on a white background.

Color Contrast Check

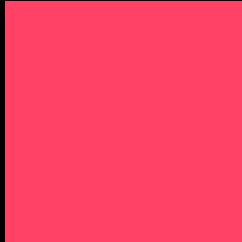
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.713, 18.536 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, 75.713, 18.536

Background



This preview shows how black text looks on a background with the CIELCh color 58, 75.713, 18.536.



This preview shows how white text looks on a background with the CIELCh color 58, 75.713, 18.536.

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, 75.713, 18.536

Protanopia

58, 2.753, 74.659

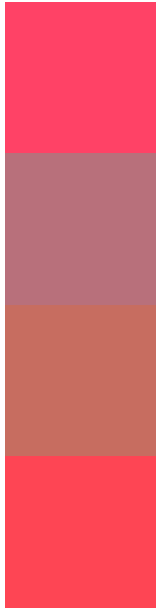
Deuteranopia

58, 28.466, 75.045



Tritanopia
58, 78.926, 30.315

Trichromacy



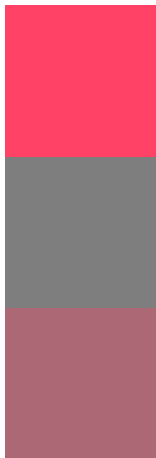
Original Color
58, 75.713, 18.536

Protanomaly
55, 30.484, 11.573

Deuteranomaly
56, 41.334, 33.991

Tritanomaly
58, 77.555, 26.257

Monochromacy



Original Color
58, 75.713, 18.536

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 29.660, 8.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 75.713, 18.536 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(255, 66, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 102)  
}
```

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(255, 66, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 75.713, 18.536 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(255, 66, 102) }
```

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

```
.border{ border-color:rgb(255, 66, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 75.713, 18.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 102) }
```

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

```
.background{ background-color: rgb(255, 66,  
102) }
```

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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