

Converting Colors

CIELCh(57, 78.738, 5.184)

Have a look what the booklet for
CIELCh(57, 78.738, 5.184) contains.

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Color

CIELCh(57, 78.738, 5.184)

Conversions

Conversions Part 1

Format	Color
Hex	FF3080
RGB	255, 48, 128
RGB Percent	100%, 19%, 50%
CMY	0.0001, 0.8119, 0.4981
CMYK	0.00, 0.81, 0.50, 0.00
HSL	337°, 100%, 59%
HSV	337°, 81%, 100%
XYZ	46.1787, 24.9227, 22.7901
YIQ	119.0130, 97.6920, 68.7640

Conversions

Conversions Part 2

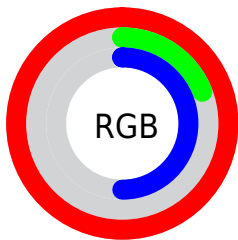
Format	Color
R_{YB}	255, 48, 128
Decimal	16724096
CIE _{Lab}	57.00, 78.42, 7.11
CIE _{LCh}	57, 78.738, 5.184
Yxy	24.9227, 0.4918, 0.2654
Android (android.graphics.Color)	4294914176 (0xFFFF3080)
YUV	119.0130, 4.4306, 119.2606
Hunter-Lab	49.9226, 77.7490, 7.8794

Details

The CIELCh color **57, 78.738, 5.184** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **89, 70.422, 159.332**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 59.901, 352.392**, and **41, 68.401, 10.710** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.859, 9.577**, and if you desaturate by 10%, it is **60, 72.554, 1.707**.

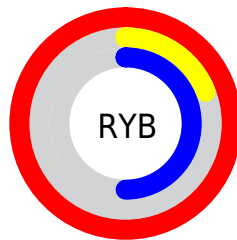
Distribution



Red (100%)

Green (19%)

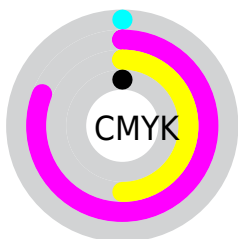
Blue (50%)



Red (100%)

Yellow (19%)

Blue (50%)

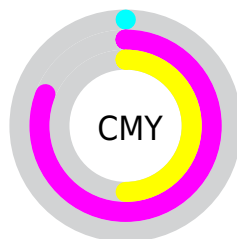


Cyan (0%)

Magenta (81%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (81%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 78.738, 5.184 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 57, 78.738, 5.184 by changing the saturation by 10% instead.

 57, 78.738, 5.184

 57, 78.738, 5.184

 100, 78.738, 5.184

 47, 78.738, 5.184

 77, 78.738, 5.184

 37, 78.738, 5.184

 87, 78.738, 5.184

 27, 78.738, 5.184

 97, 78.738, 5.184

 17, 78.738, 5.184

 7, 78.738, 5.184

 0, 78.738, 5.184

 57, 78.738, 5.184

 57, 78.738, 5.184

 55, 82.859, 9.577

 60, 72.554, 1.707

 54, 85.277, 14.151

 64, 64.449,

358.974

69, 54.881,
356.805

74, 44.400,
355.048

80, 33.492,
353.589

86, 22.517,
352.346

93, 11.714,
351.256

99, 1.223, 349.922

100, 0.015,
250.685

Harmonies

Complementary

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



57, 78.738, 5.184



89, 70.422, 159.332

Rectangle

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



57, 78.738, 5.184



57, 78.738, 55.184



57, 78.738, 185.184



57, 78.738, 235.184

Sweetspot

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



57, 78.734, 5.186



84, 25.602, 352.678



50, 111.761, 315.223



43, 17.655, 353.118



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 78.734, 5.186



54, 84.474, 12.571



58, 86.964, 37.943



50, 5.940, 351.081



41, 68.514, 13.122



10, 31.285, 5.943

Inverse Universe

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



57, 78.734, 5.186



54, 84.474, 12.571



85, 43.315, 211.555



50, 5.940, 351.081



41, 68.514, 13.122



10, 31.285, 5.943

Previews

White Background



This preview shows how the CIELCh color 57, 78.738, 5.184 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 57, 78.738, 5.184 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 57, 78.738, 5.184

Background



This preview shows how black text looks on a background with the CIELCh color 57, 78.738, 5.184.

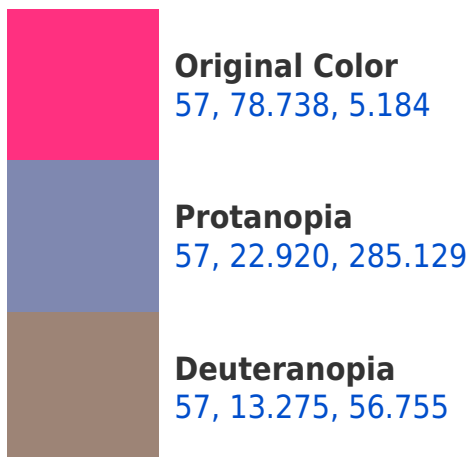


This preview shows how white text looks on a background with the CIELCh color 57, 78.738, 5.184.

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
57, 81.256, 31.152

Trichromacy



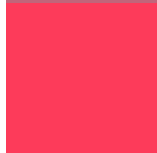
Original Color
57, 78.738, 5.184



Protanomaly
53, 40.409, 333.677



Deuteranomaly
54, 39.300, 7.500

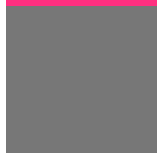


Tritanomaly
57, 78.321, 21.985

Monochromacy



Original Color
57, 78.738, 5.184



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 34.281, 355.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 78.738, 5.184 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, 48, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 128)  
}
```

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, 48, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 78.738, 5.184 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, 48, 128) }
```

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

```
.border{ border-color:rgb(255, 48, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 48, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 78.738, 5.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 128) }
```

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

```
.background{ background-color: rgb(255, 48,  
128) }
```

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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