

Converting Colors

CIELCh(57, 74.224, 10.840)

Have a look what the booklet for
CIELCh(57, 74.224, 10.840) contains.

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Color

CIELCh(57, 74.205, 10.951)

Conversions

Conversions Part 1

Format	Color
Hex	FA3D74
RGB	250, 61, 116
RGB Percent	98%, 24%, 45%
CMY	0.0196, 0.7607, 0.5451
CMYK	0.00, 0.76, 0.54, 0.02
HSL	343°, 95%, 61%
HSV	343°, 76%, 98%
XYZ	44.2459, 24.9227, 19.0017
YIQ	123.7810, 94.9890, 57.1730

Conversions

Conversions Part 2

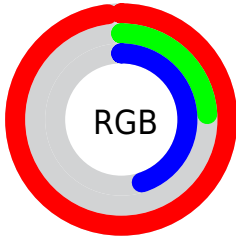
Format	Color
RYB	250, 61, 116
Decimal	16399732
CIELab	57.00, 72.85, 14.10
CIElCh	57, 74.205, 10.951
Yxy	24.9227, 0.5018, 0.2827
Android (android.graphics.Color)	4294589812 (0xFFFA3D74)
YUV	123.7810, -3.8360, 110.6941
Hunter-Lab	49.9226, 70.8383, 12.3787

Details

The CIELCh color **57, 74.205, 10.951** 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 **89, 59.882, 167.114**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 54.209, 0.455**, and **40, 67.763, 15.227** is the 20% darker color. If you saturate the color by 10%, you get **55, 80.538, 15.333**, and if you desaturate by 10%, it is **61, 66.262, 7.470**.

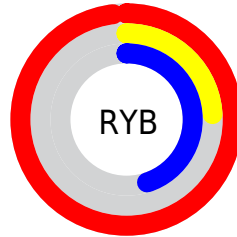
Distribution



Red (98%)

Green (24%)

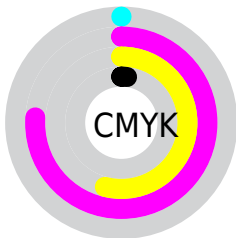
Blue (45%)



Red (98%)

Yellow (24%)

Blue (45%)

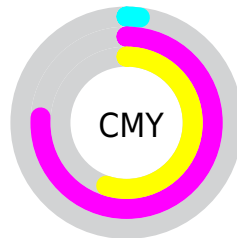


Cyan (0%)

Magenta (76%)

Yellow (54%)

Black (2%)



Cyan (2%)

Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 74.205, 10.951 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, 74.205, 10.951 by changing the saturation by 10% instead.

■ 57, 74.205, 10.951

■ 57, 74.205, 10.951

■ 100, 74.205,
10.951

■ 47, 74.205, 10.951

■ 77, 74.205, 10.951

■ 37, 74.205, 10.951

■ 87, 74.205, 10.951

■ 27, 74.205, 10.951

■ 97, 74.205, 10.951

■ 17, 74.205, 10.951

■ 7, 74.205, 10.951

■ 0, 74.205, 10.951

■ 57, 74.205, 10.951

■ 57, 74.205, 10.951

■ 55, 80.538, 15.333

■ 61, 66.262, 7.470

■ 53, 85.401, 20.633

■ 65, 56.996, 4.730

53, 87.363, 23.100

70, 46.867, 2.556

76, 36.337, 0.801

82, 25.772,
359.351

88, 15.418,
358.121

95, 5.417, 357.010

100, 1.735,
199.677

Harmonies

Complementary

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



57, 74.205, 10.951



89, 59.882, 167.114

Rectangle

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



57, 74.205, 10.951



57, 74.205, 60.951



57, 74.205, 190.951



57, 74.205, 240.951

Sweetspot

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



57, 74.201, 10.953



85, 23.432, 359.017



54, 104.142, 318.244



43, 16.317, 359.491



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, 74.201, 10.953



55, 84.627, 18.144



61, 75.133, 42.004



49, 5.548, 357.443



40, 70.272, 22.017



9, 30.601, 12.626

Inverse Universe

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



57, 74.201, 10.953



55, 84.627, 18.144



79, 39.932, 228.036



49, 5.548, 357.443



40, 70.272, 22.017



9, 30.601, 12.626

Previews

White Background



This preview shows how the CIELCh color 57, 74.205, 10.951 looks on a white background.

Color Contrast Check

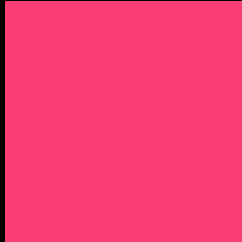
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.205, 10.951 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, 74.205, 10.951

Background



This preview shows how black text looks on a background with the CIELCh color 57, 74.205, 10.951.

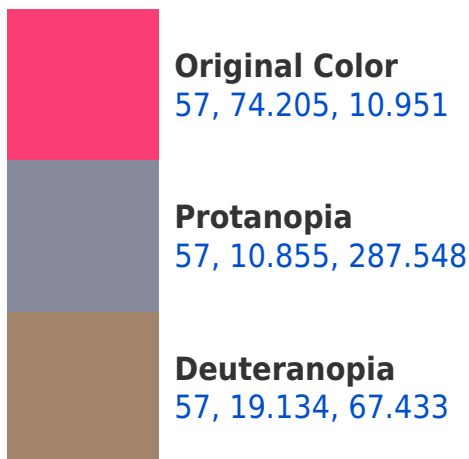


This preview shows how white text looks on a background with the CIELCh color 57, 74.205, 10.951.

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](#).

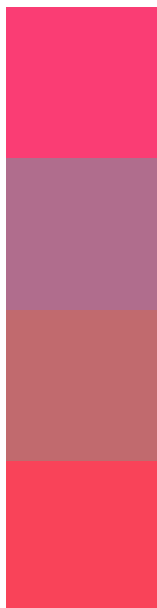
Dichromacy





Tritanopia
57, 76.999, 30.060

Trichromacy



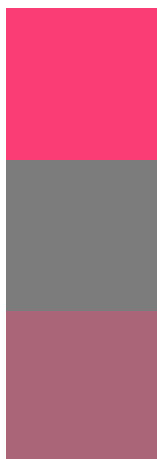
Original Color
57, 74.205, 10.951

Protanomaly
54, 31.774, 348.659

Deuteranomaly
55, 37.384, 20.759

Tritanomaly
57, 75.219, 23.433

Monochromacy



Original Color
57, 74.205, 10.951

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 30.388, 1.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 74.205, 10.951 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(250, 61, 116)` looks like.

```
.text, #text, p{  
    color:rgb(250, 61, 116)  
}
```

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(250, 61, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 61, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 74.205, 10.951 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(250, 61, 116) }
```

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

```
.border{ border-color:rgb(250, 61, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 61, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 61, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 61, 116);  
box-shadow:4px 4px 4px 4px rgb(250, 61,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 74.205, 10.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 61, 116) }
```

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

```
.background{ background-color: rgb(250, 61,  
116) }
```

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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