

Converting Colors

CIELCh(58, 76.953, 350.752)

Have a look what the booklet for
CIELCh(58, 76.953, 350.752)
contains.

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Color

CIELCh(58, 76.953, 350.752)

Conversions

Conversions Part 1

Format	Color
Hex	F73EA3
RGB	247, 62, 163
RGB Percent	97%, 24%, 64%
CMY	0.0302, 0.7555, 0.3598
CMYK	0.00, 0.75, 0.34, 0.03
HSL	327°, 92%, 61%
HSV	327°, 75%, 97%
XYZ	46.8328, 25.9610, 37.3094
YIQ	128.8290, 77.8390, 70.6310

Conversions

Conversions Part 2

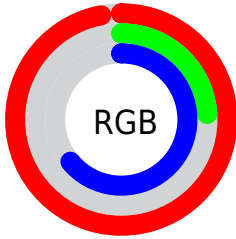
Format	Color
R _Y B	247, 62, 163
Decimal	16203427
CIE Lab	58.00, 75.95, -12.37
CIE LCh	58, 76.953, 350.752
Yxy	25.9610, 0.4254, 0.2358
Android (android.graphics.Color)	4294393507 (0xFFFF73EA3)
YUV	128.8290, 16.8463, 103.6360
Hunter-Lab	50.9519, 74.9036, -7.7486

Details

The CIELCh color **58, 76.953, 350.752** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **87, 76.030, 151.934**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 65.332, 337.618**, and **41, 68.842, 353.191** is the 20% darker color. If you saturate the color by 10%, you get **56, 81.340, 353.323**, and if you desaturate by 10%, it is **61, 70.091, 348.706**.

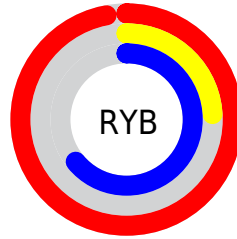
Distribution



Red (97%)

Green (24%)

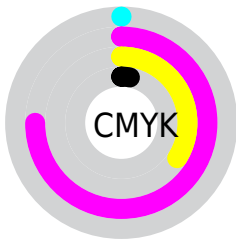
Blue (64%)



Red (97%)

Yellow (24%)

Blue (64%)

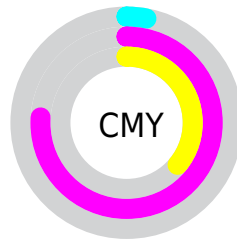


Cyan (0%)

Magenta (75%)

Yellow (34%)

Black (3%)



Cyan (3%)


Magenta (76%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 76.953, 350.752 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, 76.953, 350.752 by changing the saturation by 10% instead.


 58, 76.953,
350.752


 58, 76.953,
350.752


 100, 76.953,
350.752


 48, 76.953,
350.752


 78, 76.953,
350.752

 38, 76.953,
350.752

 88, 76.953,
350.752

 28, 76.953,
350.752

 98, 76.953,
350.752

 18, 76.953,
350.752

 8, 76.953, 350.752

 0, 76.953, 350.752

58, 76.953,
350.752

58, 76.953,
350.752

56, 81.340,
353.323

61, 70.091,
348.706

54, 83.183,
356.567

66, 61.227,
347.042

54, 83.472,
358.498

71, 50.956,
345.652

76, 39.846,
344.460

82, 28.351,
343.412

88, 16.792,
342.469

94, 5.381, 341.568

99, 2.851, 180.126

Harmonies

Complementary

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



58, 76.953, 350.752



87, 76.030, 151.934

Rectangle

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



58, 76.953, 350.752



58, 76.953, 40.752



58, 76.953, 170.752



58, 76.953, 220.752

Sweetspot

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



58, 76.949, 350.753



86, 25.757, 343.143



47, 104.178, 311.258



44, 17.332, 343.408



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, 76.949, 350.753



56, 84.573, 354.968



56, 79.153, 29.119



48, 6.366, 341.996



40, 67.598, 357.761



9, 30.747, 352.428

Inverse Universe

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



58, 76.949, 350.753



56, 84.573, 354.968



89, 47.100, 190.519



48, 6.366, 341.996



40, 67.598, 357.761



9, 30.747, 352.428

Previews

White Background



This preview shows how the CIELCh color 58, 76.953, 350.752 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, 76.953, 350.752 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, 76.953, 350.752

Background



This preview shows how black text looks on a background with the CIELCh color 58, 76.953, 350.752.

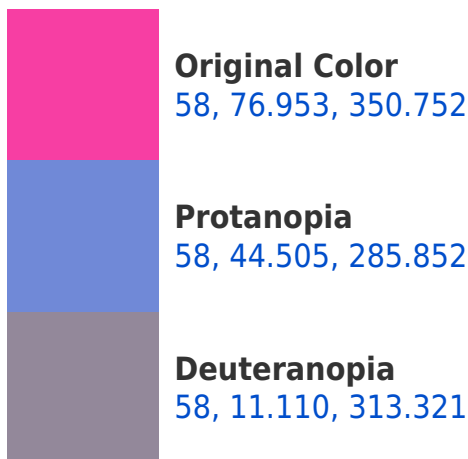


This preview shows how white text looks on a background with the CIELCh color 58, 76.953, 350.752.

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](#).

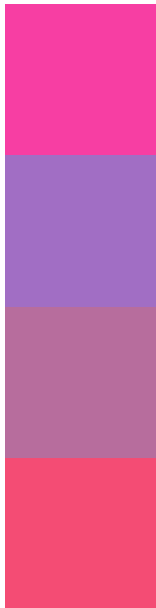
Dichromacy





Tritanopia
58, 68.159, 27.014

Trichromacy



Original Color
58, 76.953, 350.752

Protanomaly
55, 51.993, 314.213

Deuteranomaly
56, 38.601, 339.674

Tritanomaly
58, 67.892, 12.702

Monochromacy



Original Color
58, 76.953, 350.752

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 33.013, 345.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 76.953, 350.752 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(247, 62, 163)` looks like.

```
.text, #text, p{  
    color:rgb(247, 62, 163)  
}
```

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(247, 62, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 62, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 76.953, 350.752 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(247, 62, 163) }
```

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

```
.border{ border-color:rgb(247, 62, 163) }
```

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

Here you see how a box with a 4 pixel rgb(247, 62, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 62, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 62, 163);  
box-shadow:4px 4px 4px 4px rgb(247, 62,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 76.953, 350.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 62, 163) }
```

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

```
.background{ background-color: rgb(247, 62,  
163) }
```

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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