

Converting Colors

CIELCh(58, 79.956, 357.242)

Have a look what the booklet for
CIELCh(58, 79.956, 357.242)
contains.

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Color

CIELCh(58, 79.806, 356.967)

Conversions

Conversions Part 1

Format	Color
Hex	FF3396
RGB	255, 51, 150
RGB Percent	100%, 20%, 59%
CMY	0.0000, 0.7999, 0.4132
CMYK	0.00, 0.80, 0.41, 0.00
HSL	331°, 100%, 60%
HSV	331°, 80%, 100%
XYZ	48.1765, 25.9610, 31.1676
YIQ	123.2820, 89.8050, 74.0370

Conversions

Conversions Part 2

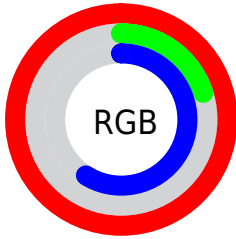
Format	Color
R _{YB}	255, 51, 150
Decimal	16724886
CIE _{Lab}	58.00, 79.69, -4.22
CIE _{LCh}	58, 79.806, 356.967
Yxy	25.9610, 0.4575, 0.2465
Android (android.graphics.Color)	4294914966 (0xFFFF3396)
YUV	123.2820, 13.1720, 115.5167
Hunter-Lab	50.9519, 79.6111, -0.6017

Details

The CIELCh color **58, 79.806, 356.967** 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 **89, 77.056, 153.962**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 64.181, 342.355**, and **41, 68.637, 0.644** is the 20% darker color. If you saturate the color by 10%, you get **56, 83.058, 0.286**, and if you desaturate by 10%, it is **61, 73.759, 354.066**.

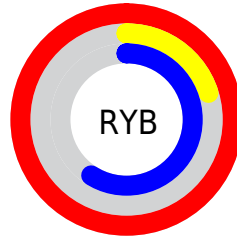
Distribution



Red (100%)

Green (20%)

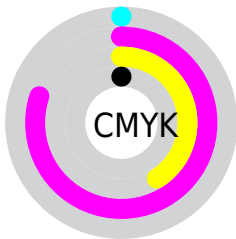
Blue (59%)



Red (100%)

Yellow (20%)

Blue (59%)

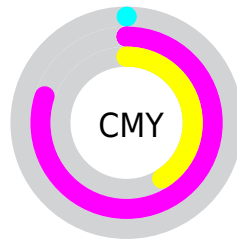


Cyan (0%)

Magenta (80%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 79.806, 356.967 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, 79.806, 356.967 by changing the saturation by 10% instead.

 58, 79.806,
356.967


 58, 79.806,
356.967


 100, 79.806,
356.967


 48, 79.806,
356.967


 78, 79.806,
356.967

 38, 79.806,
356.967

 88, 79.806,
356.967

 28, 79.806,
356.967

 98, 79.806,
356.967

 18, 79.806,
356.967

 8, 79.806, 356.967

 0, 79.806, 356.967

■ 58, 79.806,
356.967

■ 58, 79.806,
356.967

■ 56, 83.058, 0.286

■ 61, 73.759,
354.066

■ 55, 84.486, 4.565

■ 65, 65.695,
351.895

■ 55, 84.487, 4.568

■ 70, 55.983,
350.138

■ 75, 45.220,
348.678

■ 81, 33.918,
347.435

■ 87, 22.460,
346.348

■ 93, 11.102,
345.369

100, 0.012,

Harmonies

Complementary

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



58, 79.806, 356.967



89, 77.056, 153.962

Rectangle

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



58, 79.806, 356.967



58, 79.806, 46.967



58, 79.806, 176.967



58, 79.806, 226.967

Sweetspot

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



58, 79.634, 356.806



85, 27.052, 346.768



47, 111.919, 312.566



43, 18.626, 347.158



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, 79.634, 356.806



55, 84.025, 2.792



56, 89.240, 34.268



50, 6.313, 345.323



41, 68.102, 3.703



10, 31.722, 357.847

Inverse Universe

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



58, 79.634, 356.806



55, 84.025, 2.792



91, 47.958, 196.510



50, 6.313, 345.323



41, 68.102, 3.703



10, 31.722, 357.847

Previews

White Background



This preview shows how the CIELCh color 58, 79.806, 356.967 looks on a white background.

Color Contrast Check

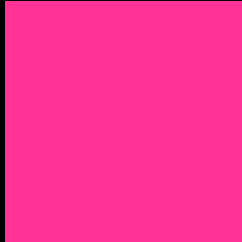
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.806, 356.967 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, 79.806, 356.967

Background



This preview shows how black text looks on a background with the CIELCh color 58, 79.806, 356.967.

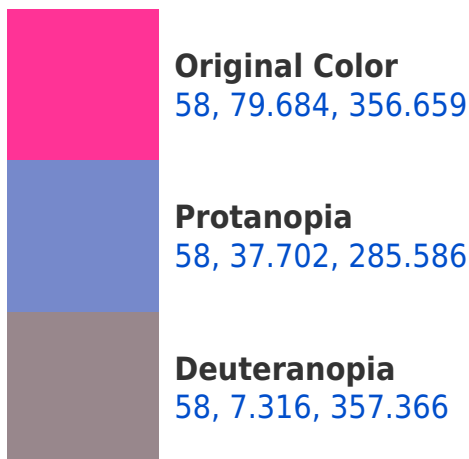


This preview shows how white text looks on a background with the CIELCh color 58, 79.806, 356.967.

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, 76.780, 29.779

Trichromacy



Original Color
58, 79.684, 356.659



Protanomaly
54, 49.251, 320.477



Deuteranomaly
55, 39.269, 350.789



Tritanomaly
58, 74.547, 17.725

Monochromacy



Original Color
58, 79.684, 356.659



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 35.379, 348.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 79.806, 356.967 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, 51, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 150)  
}
```

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, 51, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 79.806, 356.967 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, 51, 150) }
```

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

```
.border{ border-color:rgb(255, 51, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 79.806, 356.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 150) }
```

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

```
.background{ background-color: rgb(255, 51,  
150) }
```

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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