

Converting Colors

CIELCh(58, 79.317, 357.896)

Have a look what the booklet for
CIELCh(58, 79.317, 357.896)
contains.

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Color

CIELCh(58, 79.092, 357.908)

Conversions

Conversions Part 1

Format	Color
Hex	FF3593
RGB	255, 53, 147
RGB Percent	100%, 21%, 58%
CMY	0.0000, 0.7939, 0.4222
CMYK	0.00, 0.79, 0.42, 0.00
HSL	332°, 100%, 60%
HSV	332°, 79%, 100%
XYZ	47.9395, 25.9610, 30.2298
YIQ	124.1140, 90.2180, 72.0580

Conversions

Conversions Part 2

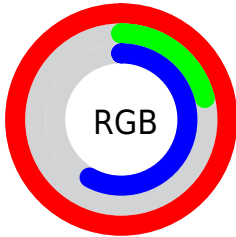
Format	Color
R _Y B	255, 53, 147
Decimal	16725395
CIE Lab	58.00, 79.04, -2.89
CIE LCh	58, 79.092, 357.908
Yxy	25.9610, 0.4604, 0.2493
Android (android.graphics.Color)	4294915475 (0xFFFF3593)
YUV	124.1140, 11.2828, 114.7870
Hunter-Lab	50.9519, 78.7806, 0.4895

Details

The CIELCh color **58, 79.092, 357.908** 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, 75.509, 154.895**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 62.822, 343.663**, and **41, 68.503, 1.630** is the 20% darker color. If you saturate the color by 10%, you get **56, 82.672, 1.384**, and if you desaturate by 10%, it is **61, 72.916, 355.017**.

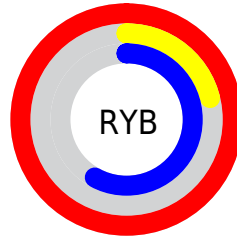
Distribution



Red (100%)

Green (21%)

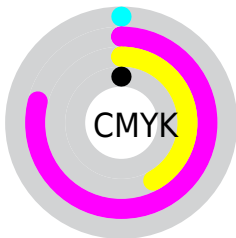
Blue (58%)



Red (100%)

Yellow (21%)

Blue (58%)

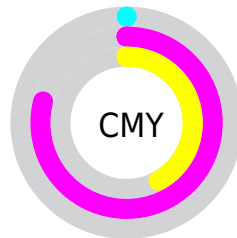


Cyan (0%)

Magenta (79%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 79.092, 357.908 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, 79.092, 357.908 by changing the saturation by 10% instead.


 58, 79.092,
357.908


 58, 79.092,
357.908


 100, 79.092,
357.908


 48, 79.092,
357.908


 78, 79.092,
357.908

 38, 79.092,
357.908

 88, 79.092,
357.908

 28, 79.092,
357.908

 98, 79.092,
357.908

 18, 79.092,
357.908

 8, 79.092, 357.908

 0, 79.092, 357.908

■ 58, 79.092,
357.908

■ 58, 79.092,
357.908

■ 56, 82.672, 1.384

■ 61, 72.916,
355.017

■ 55, 84.337, 5.785

■ 65, 64.721,
352.797

■ 55, 84.427, 6.064

■ 70, 54.949,
351.005

■ 75, 44.188,
349.521

■ 81, 32.938,
348.258

■ 87, 21.567,
347.158

■ 94, 10.322,
346.167

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, 79.092, 357.908



89, 75.509, 154.895

Rectangle

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



58, 79.092, 357.908



58, 79.092, 47.908



58, 79.092, 177.908



58, 79.092, 227.908

Sweetspot

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



58, 78.991, 357.820



85, 26.805, 347.648



48, 111.109, 312.998



43, 18.460, 348.046



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, 78.991, 357.820



55, 83.756, 3.770



56, 88.035, 34.540



50, 6.250, 346.178



41, 68.023, 5.168



10, 31.605, 359.083

Inverse Universe

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



58, 78.991, 357.820



55, 83.756, 3.770



90, 46.865, 198.734



50, 6.250, 346.178



41, 68.023, 5.168



10, 31.605, 359.083

Previews

White Background



This preview shows how the CIELCh color 58, 79.092, 357.908 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, 79.092, 357.908 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, 79.092, 357.908

Background



This preview shows how black text looks on a background with the CIELCh color 58, 79.092, 357.908.



This preview shows how white text looks on a background with the CIELCh color 58, 79.092, 357.908.

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, 78.842, 357.993

Protanopia

58, 35.976, 285.822

Deuteranopia

58, 7.684, 11.708



Tritanopia
58, 76.780, 29.779

Trichromacy



Original Color
58, 78.842, 357.993



Protanomaly
54, 47.939, 321.827



Deuteranomaly
55, 38.903, 353.399



Tritanomaly
58, 74.547, 17.725

Monochromacy



Original Color
58, 78.842, 357.993



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 34.850, 350.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 79.092, 357.908 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, 53, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 147)  
}
```

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, 53, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 79.092, 357.908 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, 53, 147) }
```

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

```
.border{ border-color:rgb(255, 53, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 53, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 53, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 53, 147); box-shadow:4px 4px 4px 4px rgb(255, 53, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 79.092, 357.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 53, 147) }
```

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

```
.background{ background-color: rgb(255, 53,  
147) }
```

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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