

Converting Colors

CIELCh(58, 66.527, 350.040)

Have a look what the booklet for
CIELCh(58, 66.527, 350.040)
contains.

CIELCh(58, 66.367, 350.388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 66.367, 350.388)

Conversions

Conversions Part 1

Format	Color
Hex	EA52A1
RGB	234, 82, 161
RGB Percent	92%, 32%, 63%
CMY	0.0839, 0.6799, 0.3700
CMYK	0.00, 0.65, 0.31, 0.08
HSL	329°, 78%, 62%
HSV	329°, 65%, 92%
XYZ	43.1898, 25.9610, 36.2909
YIQ	136.4540, 65.2330, 56.7930

Conversions

Conversions Part 2

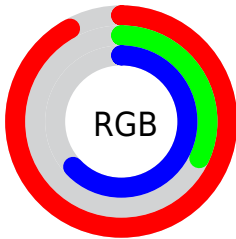
Format	Color
R _Y B	234, 82, 161
Decimal	15356577
CIE Lab	58.00, 65.44, -11.08
CIE LCh	58, 66.367, 350.388
Yxy	25.9610, 0.4096, 0.2462
Android (android.graphics.Color)	4293546657 (0xFFEA52A1)
YUV	136.4540, 12.1012, 85.5478
Hunter-Lab	50.9519, 62.1411, -6.5634

Details

The CIELCh color **58, 66.367, 350.388** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **83, 63.645, 154.976**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 56.430, 339.623**, and **38, 66.254, 350.591** is the 20% darker color. If you saturate the color by 10%, you get **55, 72.911, 352.581**, and if you desaturate by 10%, it is **62, 57.953, 348.618**.

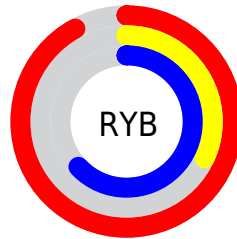
Distribution



Red (92%)

Green (32%)

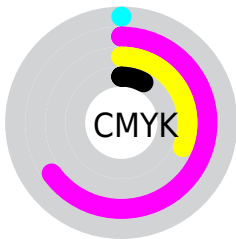
Blue (63%)



Red (92%)

Yellow (32%)

Blue (63%)

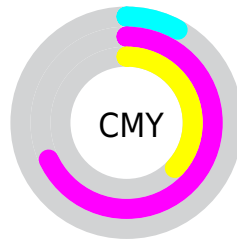


Cyan (0%)

Magenta (65%)

Yellow (31%)

Black (8%)



Cyan (8%)


Magenta (68%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 66.367, 350.388 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, 66.367, 350.388 by changing the saturation by 10% instead.

 58, 66.367,
350.388

 58, 66.367,
350.388


 100, 66.367,
350.388

 48, 66.367,
350.388


 78, 66.367,
350.388

 38, 66.367,
350.388

 88, 66.367,
350.388

 28, 66.367,
350.388

 98, 66.367,
350.388

 18, 66.367,
350.388

 8, 66.367, 350.388

 0, 66.367, 350.388

58, 66.367,
350.388

58, 66.367,
350.388

55, 72.911,
352.581

62, 57.953,
348.618

52, 77.169,
355.344

67, 48.240,
347.151

51, 79.078,
358.836

72, 37.757,
345.901

50, 79.492, 0.785

78, 26.929,
344.811

83, 16.057,
343.837

89, 5.336, 342.914

96, 5.117, 162.298

98, 7.790, 181.252

Harmonies

Complementary

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



58, 66.367, 350.388



83, 63.645, 154.976

Rectangle

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



58, 66.367, 350.388



58, 66.367, 40.388



58, 66.367, 170.388



58, 66.367, 220.388

Sweetspot

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



58, 66.363, 350.389



87, 22.997, 344.315



50, 87.798, 311.369



45, 15.722, 344.594



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, 66.363, 350.389



59, 79.701, 353.425



56, 65.923, 26.785



46, 6.041, 343.325



39, 65.793, 0.045



8, 28.808, 353.705

Inverse Universe

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



58, 66.363, 350.389



59, 79.701, 353.425



85, 41.526, 192.972



46, 6.041, 343.325



39, 65.793, 0.045



8, 28.808, 353.705

Previews

White Background



This preview shows how the CIELCh color 58, 66.367, 350.388 looks on a white background.

Color Contrast Check

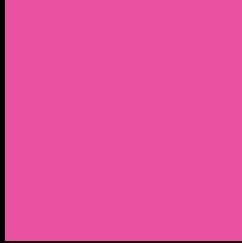
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.367, 350.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

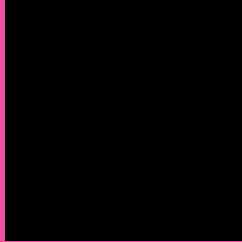
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 66.367, 350.388

Background



This preview shows how black text looks on a background with the CIELCh color 58, 66.367, 350.388.

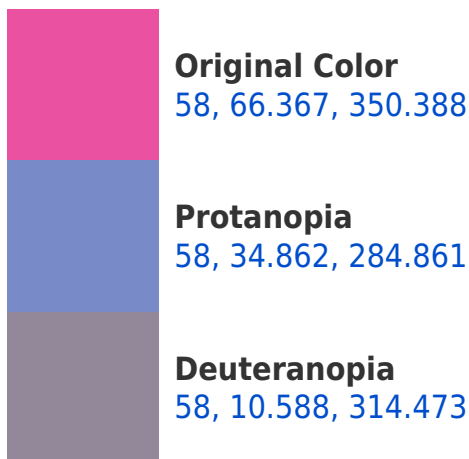


This preview shows how white text looks on a background with the CIELCh color 58, 66.367, 350.388.

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](#).

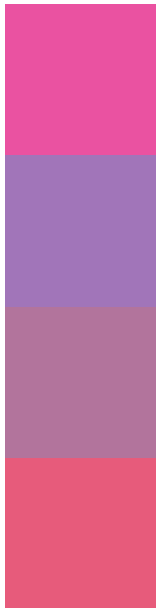
Dichromacy





Tritanopia
58, 57.046, 23.902

Trichromacy



Original Color
58, 66.367, 350.388

Protanomaly
56, 41.795, 315.612

Deuteranomaly
56, 32.557, 339.314

Tritanomaly
58, 57.839, 10.778

Monochromacy



Original Color
58, 66.367, 350.388

Achromatopsia
57, 0.007, 296.813

Achromatomaly
55, 26.996, 345.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 66.367, 350.388 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(234, 82, 161)` looks like.

```
.text, #text, p{  
    color:rgb(234, 82, 161)  
}
```

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(234, 82, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 82, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 66.367, 350.388 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(234, 82, 161) }
```

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

```
.border{ border-color:rgb(234, 82, 161) }
```

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

Here you see how a box with a 4 pixel rgb(234, 82, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 82, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 82, 161);  
box-shadow:4px 4px 4px 4px rgb(234, 82,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 66.367, 350.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 82, 161) }
```

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

```
.background{ background-color: rgb(234, 82,  
161) }
```

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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