

Converting Colors

CIELCh(58, 69.380, 350.578)

Have a look what the booklet for
CIELCh(58, 69.380, 350.578)
contains.

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Color

CIELCh(58, 69.331, 350.808)

Conversions

Conversions Part 1

Format	Color
Hex	EE4DA1
RGB	238, 77, 161
RGB Percent	93%, 30%, 63%
CMY	0.0678, 0.6991, 0.3696
CMYK	0.00, 0.68, 0.32, 0.07
HSL	329°, 82%, 62%
HSV	329°, 68%, 93%
XYZ	44.2108, 25.9610, 36.2858
YIQ	134.7150, 68.9920, 60.2560

Conversions

Conversions Part 2

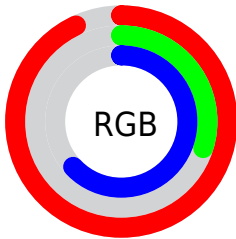
Format	Color
R _{YB}	238, 77, 161
Decimal	15617441
CIE Lab	58.00, 68.44, -11.08
CIE LCh	58, 69.331, 350.808
Yxy	25.9610, 0.4153, 0.2439
Android (android.graphics.Color)	4293807521 (0xFFEE4DA1)
YUV	134.7150, 12.9585, 90.5809
Hunter-Lab	50.9519, 65.7178, -6.5575

Details

The CIELCh color **58, 69.331, 350.808** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **84, 66.778, 154.405**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 58.672, 339.229**, and **39, 67.141, 351.752** is the 20% darker color. If you saturate the color by 10%, you get **55, 75.362, 353.131**, and if you desaturate by 10%, it is **62, 61.256, 348.944**.

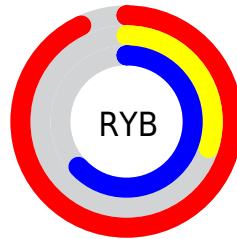
Distribution



Red (93%)

Green (30%)

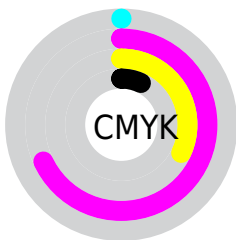
Blue (63%)



Red (93%)

Yellow (30%)

Blue (63%)

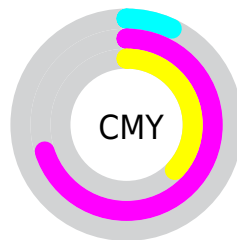


Cyan (0%)

Magenta (68%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (70%)

Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 69.331, 350.808 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, 69.331, 350.808 by changing the saturation by 10% instead.


 58, 69.331,
350.808

 58, 69.331,
350.808


 100, 69.331,
350.808

 48, 69.331,
350.808


 78, 69.331,
350.808

 38, 69.331,
350.808

 88, 69.331,
350.808

 28, 69.331,
350.808

 98, 69.331,
350.808

 18, 69.331,
350.808

 8, 69.331, 350.808

 0, 69.331, 350.808

■ 58, 69.331,
350.808

■ 58, 69.331,
350.808

■ 55, 75.362,
353.131

■ 62, 61.256,
348.944

■ 53, 79.004,
356.066

■ 67, 51.701,
347.409

■ 52, 80.377,
359.748

■ 72, 41.224,
346.111

■ 51, 80.573, 0.646

■ 77, 30.290,
344.985

■ 83, 19.239,
343.985

■ 89, 8.297, 343.064

■ 95, 2.400, 162.501

■ 99, 6.231, 183.299

Harmonies

Complementary

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



58, 69.331, 350.808



84, 66.778, 154.405

Rectangle

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



58, 69.331, 350.808



58, 69.331, 40.808



58, 69.331, 170.808



58, 69.331, 220.808

Sweetspot

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



58, 69.327, 350.809



87, 23.026, 344.211



50, 92.426, 311.476



45, 15.741, 344.489



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, 69.327, 350.809



58, 81.147, 354.104



56, 69.800, 27.665



47, 6.157, 343.224



40, 66.502, 359.909



8, 29.662, 353.892

Inverse Universe

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



58, 69.327, 350.809



58, 81.147, 354.104



86, 43.038, 192.841



47, 6.157, 343.224



40, 66.502, 359.909



8, 29.662, 353.892

Previews

White Background



This preview shows how the CIELCh color 58, 69.331, 350.808 looks on a white background.

Color Contrast Check

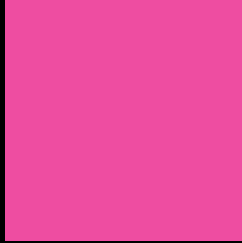
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 58, 69.331, 350.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

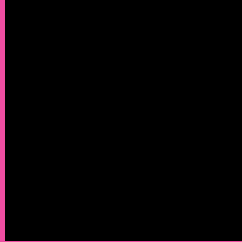
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 69.331, 350.808

Background



This preview shows how black text looks on a background with the CIELCh color 58, 69.331, 350.808.

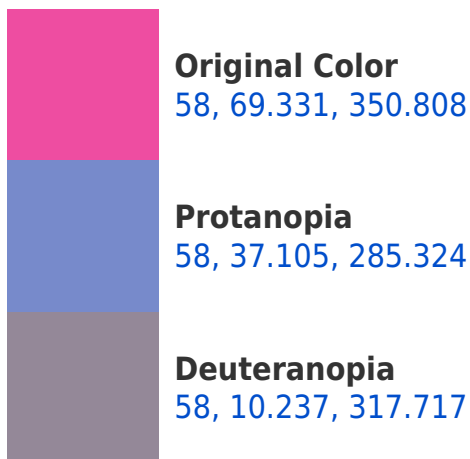


This preview shows how white text looks on a background with the CIELCh color 58, 69.331, 350.808.

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](#).

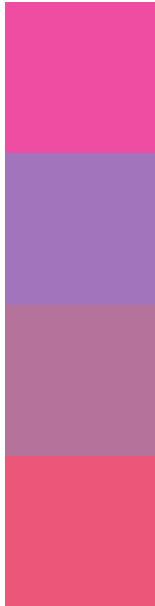
Dichromacy





Tritanopia
58, 60.580, 24.775

Trichromacy



Original Color
58, 69.331, 350.808

Protanomaly
56, 44.087, 315.420

Deuteranomaly
56, 34.285, 341.144

Tritanomaly
58, 61.179, 11.130

Monochromacy



Original Color
58, 69.331, 350.808

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 28.898, 345.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 69.331, 350.808 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(238, 77, 161)` looks like.

```
.text, #text, p{  
    color:rgb(238, 77, 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(238, 77, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 77, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 69.331, 350.808 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(238, 77, 161) }
```

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

```
.border{ border-color:rgb(238, 77, 161) }
```

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

Here you see how a box with a 4 pixel rgb(238, 77, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 77, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 77, 161);  
box-shadow:4px 4px 4px 4px rgb(238, 77,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 69.331, 350.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 77, 161) }
```

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

```
.background{ background-color: rgb(238, 77,  
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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