

Converting Colors

CIELCh(59, 75.050, 334.637)

Have a look what the booklet for
CIELCh(59, 75.050, 334.637)
contains.

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Color

CIELCh(59, 75.033, 334.657)

Conversions

Conversions Part 1

Format	Color
Hex	E455C8
RGB	228, 85, 200
RGB Percent	89%, 33%, 78%
CMY	0.1073, 0.6681, 0.2170
CMYK	0.00, 0.63, 0.12, 0.11
HSL	312°, 72%, 61%
HSV	312°, 63%, 89%
XYZ	45.4832, 27.0277, 57.2532
YIQ	140.8670, 48.3130, 66.0810

Conversions

Conversions Part 2

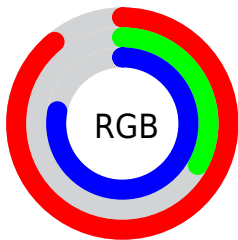
Format	Color
R _Y B	228, 85, 200
Decimal	14964168
CIE Lab	59.00, 67.81, -32.12
CIE LCh	59, 75.033, 334.657
Yxy	27.0277, 0.3505, 0.2083
Android (android.graphics.Color)	4293154248 (0xFFE455C8)
YUV	140.8670, 29.1526, 76.4156
Hunter-Lab	51.9882, 65.1859, -28.9028

Details

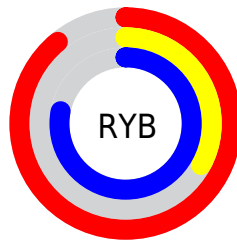
The CIELCh color **59, 75.033, 334.657** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **81, 76.344, 144.127**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 69.077, 326.784**, and **39, 75.140, 334.508** is the 20% darker color. If you saturate the color by 10%, you get **56, 82.783, 335.450**, and if you desaturate by 10%, it is **63, 65.229, 333.909**.

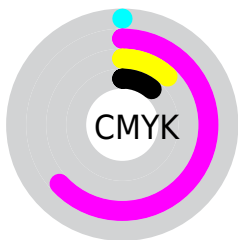
Distribution



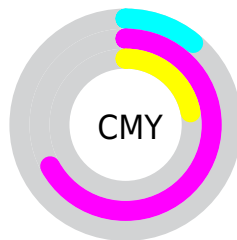
- Red (89%)
- Green (33%)
- Blue (78%)



- Red (89%)
- Yellow (33%)
- Blue (78%)



- Cyan (0%)
- Magenta (63%)
- Yellow (12%)
- Black (11%)





- Cyan (11%)
- Magenta (67%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 75.033, 334.657 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 59, 75.033, 334.657 by changing the saturation by 10% instead.


 59, 75.033,
334.657


 59, 75.033,
334.657


 100, 75.033,
334.657

 49, 75.033,
334.657


 79, 75.033,
334.657

 39, 75.033,
334.657

 89, 75.033,
334.657

 29, 75.033,
334.657

 99, 75.033,
334.657

 19, 75.033,
334.657

 9, 75.033, 334.657

 0, 75.033, 334.657

59, 75.033,
334.657

59, 75.033,
334.657

56, 82.783,
335.450

63, 65.229,
333.909

54, 88.004,
336.313

67, 53.959,
333.190

52, 90.491,
337.283

72, 41.767,
332.494

52, 90.939,
338.052

78, 29.100,
331.817

83, 16.288,
331.157

89, 3.557, 330.455

95, 8.948, 149.987

98, 14.003,
152.748

■ 98, 12.410,
159.838

Harmonies

Complementary

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



59, 75.033, 334.657



81, 76.344, 144.127

Rectangle

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



59, 75.033, 334.657



59, 75.033, 24.657



59, 75.033, 154.657



59, 75.033, 204.657

Sweetspot

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



59, 75.030, 334.657



88, 26.551, 331.572



46, 83.643, 304.017



45, 18.285, 331.763



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 75.030, 334.657



62, 91.997, 335.671



57, 59.323, 4.561



45, 7.252, 330.936



40, 75.995, 337.863



8, 32.615, 336.105

Inverse Universe

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



59, 75.030, 334.657



62, 91.997, 335.671



82, 50.111, 167.452



45, 7.252, 330.936



40, 75.995, 337.863



8, 32.615, 336.105

Previews

White Background



This preview shows how the CIELCh color 59, 75.033, 334.657 looks on a white background.

Color Contrast Check

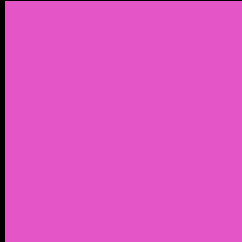
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 75.033, 334.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

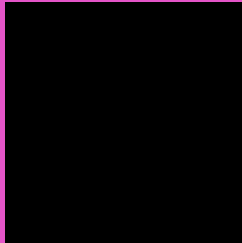
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 75.033, 334.657

Background



This preview shows how black text looks on a background with the CIELCh color 59, 75.033, 334.657.

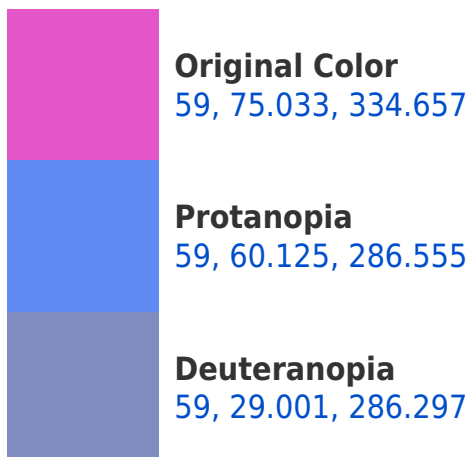


This preview shows how white text looks on a background with the CIELCh color 59, 75.033, 334.657.

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
59, 47.067, 20.736

Trichromacy



Original Color
59, 75.033, 334.657



Protanomaly
57, 63.096, 303.313



Deuteranomaly
57, 44.825, 314.435



Tritanomaly
59, 52.273, 358.152

Monochromacy



Original Color
59, 75.033, 334.657



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 30.314, 332.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 75.033, 334.657 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(228, 85, 200)` looks like.

```
.text, #text, p{  
    color:rgb(228, 85, 200)  
}
```

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(228, 85, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 85, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 75.033, 334.657 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(228, 85, 200) }
```

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

```
.border{ border-color:rgb(228, 85, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 85, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 85, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 85, 200);  
box-shadow:4px 4px 4px 4px rgb(228, 85,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 75.033, 334.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 85, 200) }
```

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

```
.background{ background-color: rgb(228, 85,  
200) }
```

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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