

Converting Colors

CIELCh(59, 58.829, 356.691)

Have a look what the booklet for
CIELCh(59, 58.829, 356.691)
contains.

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Color

CIELCh(59, 58.824, 356.641)

Conversions

Conversions Part 1

Format	Color
Hex	E75D96
RGB	231, 93, 150
RGB Percent	91%, 36%, 59%
CMY	0.0940, 0.6352, 0.4117
CMYK	0.00, 0.60, 0.35, 0.09
HSL	335°, 74%, 64%
HSV	335°, 60%, 91%
XYZ	42.3852, 27.0277, 31.8451
YIQ	140.7600, 63.9510, 46.9830

Conversions

Conversions Part 2

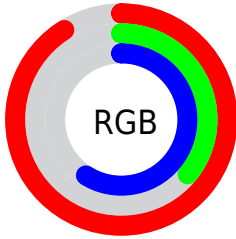
Format	Color
R _Y B	231, 93, 150
Decimal	15162774
CIE Lab	59.00, 58.72, -3.45
CIE LCh	59, 58.824, 356.641
Yxy	27.0277, 0.4186, 0.2669
Android (android.graphics.Color)	4293352854 (0xFFE75D96)
YUV	140.7600, 4.5553, 79.1405
Hunter-Lab	51.9882, 54.5490, 0.0740

Details

The CIELCh color **59, 58.824, 356.641** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **83, 53.313, 161.681**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 47.893, 346.785**, and **39, 58.742, 356.690** is the 20% darker color. If you saturate the color by 10%, you get **55, 66.496, 359.121**, and if you desaturate by 10%, it is **63, 49.824, 354.658**.

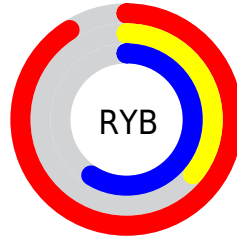
Distribution



Red (91%)

Green (36%)

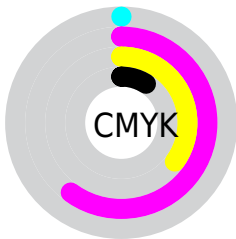
Blue (59%)



Red (91%)

Yellow (36%)

Blue (59%)

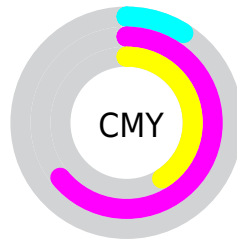


Cyan (0%)

Magenta (60%)

Yellow (35%)

Black (9%)



Cyan (9%)


Magenta (64%)


Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 58.824, 356.641 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, 58.824, 356.641 by changing the saturation by 10% instead.


 59, 58.824,
356.641

 59, 58.824,
356.641


 100, 58.824,
356.641


 49, 58.824,
356.641


 79, 58.824,
356.641

 39, 58.824,
356.641

 89, 58.824,
356.641

 29, 58.824,
356.641

 99, 58.824,
356.641

 19, 58.824,
356.641

 9, 58.824, 356.641

 0, 58.824, 356.641

59, 58.824,
356.641

59, 58.824,
356.641

55, 66.496,
359.121

63, 49.824,
354.658

52, 72.382, 2.267

69, 40.018,
353.034

50, 76.266, 6.255

74, 29.840,
351.671

49, 78.583, 11.093

49, 78.646, 11.225

80, 19.610,
350.497

86, 9.539, 349.453

92, 0.252, 170.539

98, 9.698, 167.841

98, 8.181, 198.969

Harmonies

Complementary

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



59, 58.824, 356.641



83, 53.313, 161.681

Rectangle

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



59, 58.824, 356.641



59, 58.824, 46.641



59, 58.824, 176.641



59, 58.824, 226.641

Sweetspot

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



59, 58.821, 356.642



88, 19.341, 350.319



55, 80.398, 314.554



45, 13.488, 350.640



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, 58.821, 356.642



60, 73.542, 359.885



60, 57.056, 32.301



45, 5.535, 349.425



38, 64.751, 10.267



7, 26.972, 1.392

Inverse Universe

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



59, 58.821, 356.642



60, 73.542, 359.885



81, 35.351, 207.165



45, 5.535, 349.425



38, 64.751, 10.267



7, 26.972, 1.392

Previews

White Background



This preview shows how the CIELCh color 59, 58.824, 356.641 looks on a white background.

Color Contrast Check

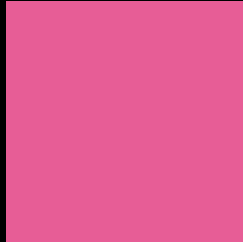
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 58.824, 356.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

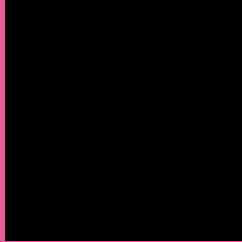
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 58.824, 356.641

Background



This preview shows how black text looks on a background with the CIELCh color 59, 58.824, 356.641.

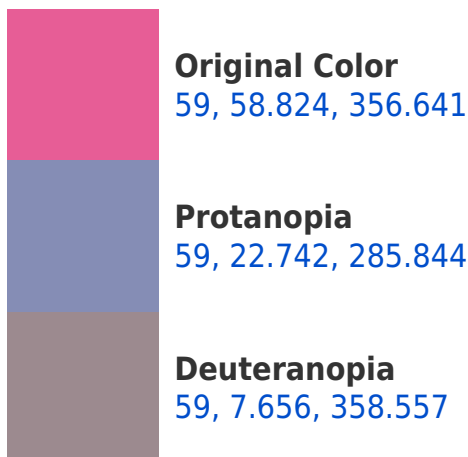


This preview shows how white text looks on a background with the CIELCh color 59, 58.824, 356.641.

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](#).

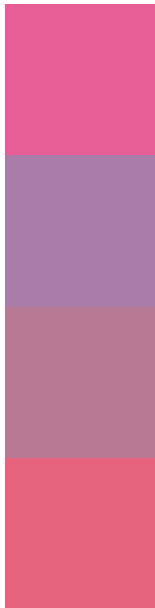
Dichromacy





Tritanopia
59, 53.630, 22.410

Trichromacy



Original Color
59, 58.824, 356.641

Protanomaly
58, 30.927, 325.269

Deuteranomaly
58, 27.467, 353.334

Tritanomaly
59, 53.948, 12.511

Monochromacy



Original Color
59, 58.824, 356.641

Achromatopsia
59, 0.008, 296.813

Achromatomaly
57, 22.722, 352.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 58.824, 356.641 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(231, 93, 150)` looks like.

```
.text, #text, p{  
    color:rgb(231, 93, 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(231, 93, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 93, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 58.824, 356.641 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(231, 93, 150) }
```

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

```
.border{ border-color:rgb(231, 93, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 93, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 93, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 93, 150);  
box-shadow:4px 4px 4px 4px rgb(231, 93,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 58.824, 356.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 93, 150) }
```

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

```
.background{ background-color: rgb(231, 93,  
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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