

Converting Colors

CIELCh(63, 45.700, 358.399)

Have a look what the booklet for
CIELCh(63, 45.700, 358.399)
contains.

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Color

CIELCh(63, 45.538, 358.879)

Conversions

Conversions Part 1

Format	Color
Hex	E2779C
RGB	226, 119, 156
RGB Percent	89%, 47%, 61%
CMY	0.1154, 0.5348, 0.3898
CMYK	0.00, 0.47, 0.31, 0.12
HSL	339°, 64%, 67%
HSV	339°, 47%, 88%
XYZ	43.7469, 31.5869, 35.0721
YIQ	155.2110, 51.8950, 34.1910

Conversions

Conversions Part 2

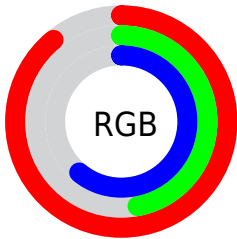
Format	Color
R _Y B	226, 119, 156
Decimal	14841756
CIE Lab	63.00, 45.53, -0.89
CIE LCh	63, 45.538, 358.879
Yxy	31.5869, 0.3962, 0.2861
Android (android.graphics.Color)	4293031836 (0xFFE2779C)
YUV	155.2110, 0.3890, 62.0820
Hunter-Lab	56.2022, 40.5876, 2.3426

Details

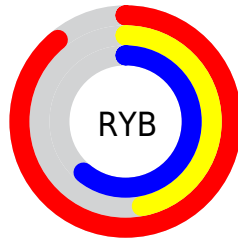
The CIELCh color **63, 45.538, 358.879** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **83, 40.485, 167.720**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 35.165, 349.983**, and **43, 45.729, 358.787** is the 20% darker color. If you saturate the color by 10%, you get **58, 54.639, 0.973**, and if you desaturate by 10%, it is **68, 35.882, 357.179**.

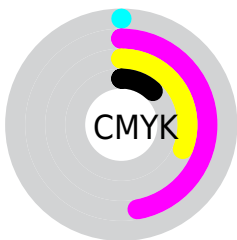
Distribution



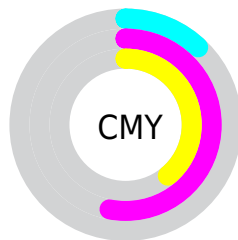
- Red (89%)
- Green (47%)
- Blue (61%)



- Red (89%)
- Yellow (47%)
- Blue (61%)



- Cyan (0%)
- Magenta (47%)
- Yellow (31%)
- Black (12%)





- Cyan (12%)
- Magenta (53%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 45.538, 358.879 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 63, 45.538, 358.879 by changing the saturation by 10% instead.


 63, 45.538,
358.879


 63, 45.538,
358.879


 100, 45.538,
358.879


 53, 45.538,
358.879


 83, 45.538,
358.879

 43, 45.538,
358.879

 93, 45.538,
358.879

 33, 45.538,
358.879

 23, 45.538,
358.879

 13, 45.538,
358.879

 3, 45.538, 358.879

 0, 45.538, 358.879

63, 45.538,
358.879

63, 45.538,
358.879

58, 54.639, 0.973

68, 35.882,
357.179

54, 62.736, 3.599

74, 26.055,
355.763

51, 69.381, 6.932

49, 74.333, 11.144

79, 16.315,
354.552

48, 77.793, 16.282

85, 6.826, 353.472

48, 78.652, 17.656

91, 2.325, 172.851

97, 11.099,
171.867

98, 9.986, 198.841

Harmonies

Complementary

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



63, 45.538, 358.879



83, 40.485, 167.720

Rectangle

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



63, 45.538, 358.879



63, 45.538, 48.879



63, 45.538, 178.879



63, 45.538, 228.879

Sweetspot

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



63, 45.535, 358.881



91, 14.407, 354.185



61, 63.429, 316.167



47, 9.983, 354.424



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 45.535, 358.881



66, 59.920, 0.967



65, 40.625, 35.469



44, 5.225, 353.687



37, 65.075, 16.641



6, 25.470, 5.104

Inverse Universe

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



63, 45.535, 358.881



66, 59.920, 0.967



79, 28.206, 215.468



44, 5.225, 353.687



37, 65.075, 16.641



6, 25.470, 5.104

Previews

White Background



This preview shows how the CIELCh color 63, 45.538, 358.879 looks on a white background.

Color Contrast Check

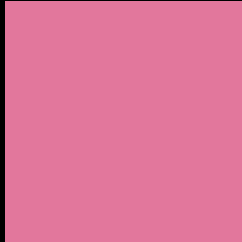
Large Text (above 18pt) WCAG AA × Fail

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 63, 45.538, 358.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

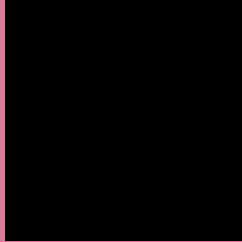
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 45.538, 358.879

Background



This preview shows how black text looks on a background with the CIELCh color 63, 45.538, 358.879.



This preview shows how white text looks on a background with the CIELCh color 63, 45.538, 358.879.

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
63, 45.538, 358.879

Protanopia
63, 13.442, 287.037

Deuteranopia
63, 8.025, 8.153



Tritanopia
63, 41.511, 17.500

Trichromacy



Original Color
63, 45.538, 358.879

Protanomaly
62, 21.411, 332.419

Deuteranomaly
63, 22.272, 358.367

Tritanomaly
63, 42.618, 9.824

Monochromacy



Original Color
63, 45.538, 358.879

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 16.877, 355.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 45.538, 358.879 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(226, 119, 156)` looks like.

```
.text, #text, p{  
    color:rgb(226, 119, 156)  
}
```

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(226, 119, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 119, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 45.538, 358.879 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(226, 119, 156) }
```

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

```
.border{ border-color:rgb(226, 119, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 119, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 119, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 119, 156); box-shadow:4px 4px 4px 4px rgb(226, 119, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 45.538, 358.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 119, 156) }
```

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

```
.background{ background-color: rgb(226,  
119, 156) }
```

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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