

Converting Colors

CIELCh(61, 50.160, 358.949)

Have a look what the booklet for
CIELCh(61, 50.160, 358.949)
contains.

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Color

CIELCh(61, 50.355, 358.501)

Conversions

Conversions Part 1

Format	Color
Hex	E26C97
RGB	226, 108, 151
RGB Percent	89%, 42%, 59%
CMY	0.1125, 0.5753, 0.4068
CMYK	0.00, 0.52, 0.33, 0.11
HSL	338°, 67%, 66%
HSV	338°, 52%, 89%
XYZ	42.4637, 29.2481, 32.8036
YIQ	148.1840, 56.5250, 38.3890

Conversions

Conversions Part 2

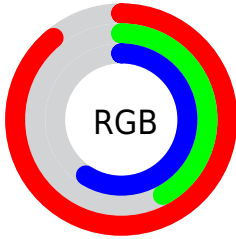
Format	Color
R _Y B	226, 108, 151
Decimal	14838935
CIE Lab	61.00, 50.34, -1.32
CIE LCh	61, 50.355, 358.501
Yxy	29.2481, 0.4063, 0.2798
Android (android.graphics.Color)	4293029015 (0xFFE26C97)
YUV	148.1840, 1.3883, 68.2446
Hunter-Lab	54.0815, 45.5116, 1.8942

Details

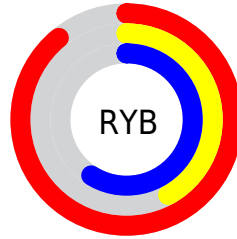
The CIELCh color **61, 50.355, 358.501** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **82, 44.783, 165.863**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 40.240, 349.795**, and **41, 50.129, 358.622** is the 20% darker color. If you saturate the color by 10%, you get **57, 59.016, 0.766**, and if you desaturate by 10%, it is **66, 40.884, 356.676**.

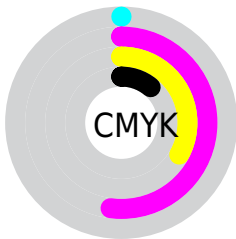
Distribution



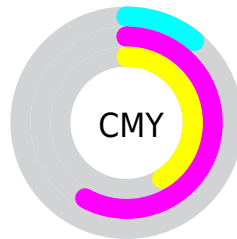
- Red (89%)
- Green (42%)
- Blue (59%)



- Red (89%)
- Yellow (42%)
- Blue (59%)



- Cyan (0%)
- Magenta (52%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (58%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 50.355, 358.501 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 61, 50.355, 358.501 by changing the saturation by 10% instead.


 61, 50.355,
358.501


 61, 50.355,
358.501


 100, 50.355,
358.501


 51, 50.355,
358.501


 81, 50.355,
358.501

 41, 50.355,
358.501

 91, 50.355,
358.501

 31, 50.355,
358.501

 21, 50.355,
358.501

 11, 50.355,
358.501

 1, 50.355, 358.501

 0, 50.355, 358.501

■ 61, 50.355,
358.501

■ 61, 50.355,
358.501

■ 57, 59.016, 0.766

■ 66, 40.884,
356.676

■ 53, 66.394, 3.622

■ 71, 31.042,
355.167

■ 51, 72.098, 7.251

■ 49, 76.044, 11.805

■ 77, 21.152,
353.889

■ 48, 78.346, 15.916

■ 83, 11.426,
352.775

■ 89, 1.990, 351.609

■ 95, 7.092, 171.080

■ 98, 9.941, 189.950

■ 98, 9.740, 198.858

Harmonies

Complementary

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



61, 50.355, 358.501



82, 44.783, 165.863

Rectangle

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



61, 50.355, 358.501



61, 50.355, 48.501



61, 50.355, 178.501



61, 50.355, 228.501

Sweetspot

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



61, 50.352, 358.503



89, 16.682, 353.201



58, 69.683, 315.823



46, 11.299, 353.431



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 50.352, 358.503



63, 65.698, 1.091



63, 46.143, 34.625



44, 5.278, 352.490



37, 64.704, 14.906



6, 25.532, 4.003

Inverse Universe

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



61, 50.352, 358.503



63, 65.698, 1.091



79, 30.618, 213.536



44, 5.278, 352.490



37, 64.704, 14.906



6, 25.532, 4.003

Previews

White Background



This preview shows how the CIELCh color 61, 50.355, 358.501 looks on a white background.

Color Contrast Check

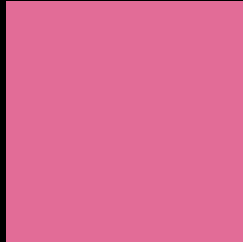
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 50.355, 358.501 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 61, 50.355, 358.501

Background



This preview shows how black text looks on a background with the CIELCh color 61, 50.355, 358.501.



This preview shows how white text looks on a background with the CIELCh color 61, 50.355, 358.501.

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
61, 50.355, 358.501

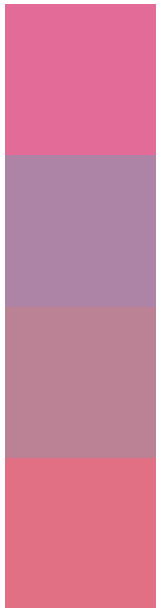
Protanopia
61, 16.361, 287.015

Deuteranopia
61, 8.077, 8.188



Tritanopia
61, 46.193, 19.685

Trichromacy



Original Color
61, 50.355, 358.501

Protanomaly
60, 24.605, 330.963

Deuteranomaly
60, 24.273, 357.753

Tritanomaly
61, 46.904, 11.380

Monochromacy



Original Color
61, 50.355, 358.501

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 18.541, 354.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 50.355, 358.501 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, 108, 151)` looks like.

```
.text, #text, p{  
    color:rgb(226, 108, 151)  
}
```

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, 108, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 108, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 50.355, 358.501 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, 108, 151) }
```

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

```
.border{ border-color:rgb(226, 108, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 108, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 108, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 108, 151); box-shadow:4px 4px 4px 4px rgb(226, 108, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 50.355, 358.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 108, 151) }
```

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

```
.background{ background-color: rgb(226,  
108, 151) }
```

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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