

Converting Colors

CIELCh(61, 51.606, 356.726)

Have a look what the booklet for
CIELCh(61, 51.606, 356.726)
contains.

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Color

CIELCh(61, 51.597, 356.706)

Conversions

Conversions Part 1

Format	Color
Hex	E36B9A
RGB	227, 107, 154
RGB Percent	89%, 42%, 60%
CMY	0.1091, 0.5797, 0.3955
CMYK	0.00, 0.53, 0.32, 0.11
HSL	337°, 68%, 66%
HSV	337°, 53%, 89%
XYZ	42.8561, 29.2481, 34.0278
YIQ	148.2380, 56.4330, 40.0570

Conversions

Conversions Part 2

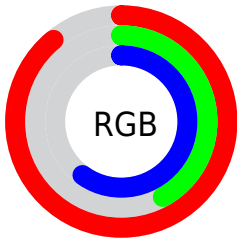
Format	Color
R _Y B	227, 107, 154
Decimal	14904218
CIE Lab	61.00, 51.51, -2.96
CIE LCh	61, 51.597, 356.706
Yxy	29.2481, 0.4038, 0.2756
Android (android.graphics.Color)	4293094298 (0xFFE36B9A)
YUV	148.2380, 2.8407, 69.0743
Hunter-Lab	54.0815, 46.8070, 0.5522

Details

The CIELCh color **61, 51.597, 356.706** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **83, 46.525, 164.044**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 41.540, 347.556**, and **41, 51.650, 356.564** is the 20% darker color. If you saturate the color by 10%, you get **57, 60.156, 358.906**, and if you desaturate by 10%, it is **66, 42.130, 354.928**.

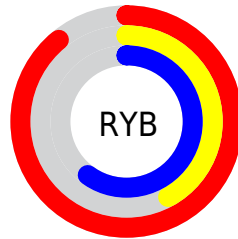
Distribution



Red (89%)

Green (42%)

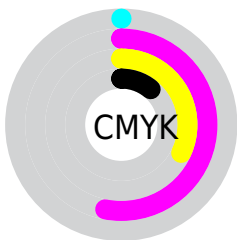
Blue (60%)



Red (89%)

Yellow (42%)

Blue (60%)

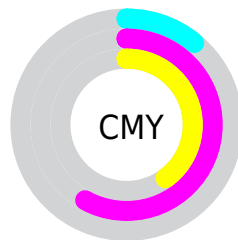


Cyan (0%)

Magenta (53%)

Yellow (32%)

Black (11%)



Cyan (11%)


Magenta (58%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 51.597, 356.706 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, 51.597, 356.706 by changing the saturation by 10% instead.


 61, 51.597,
356.706


 61, 51.597,
356.706


 100, 51.597,
356.706


 51, 51.597,
356.706


 81, 51.597,
356.706

 41, 51.597,
356.706

 91, 51.597,
356.706

 31, 51.597,
356.706

 21, 51.597,
356.706

 11, 51.597,
356.706

 1, 51.597, 356.706

 0, 51.597, 356.706

61, 51.597,
356.706

61, 51.597,
356.706

57, 60.156,
358.906

66, 42.130,
354.928

53, 67.321, 1.675

71, 32.217,
353.452

51, 72.692, 5.196

77, 22.197,
352.197

49, 76.198, 9.627

48, 77.979, 13.275

83, 12.301,
351.099

89, 2.669, 350.006

95, 6.627, 169.416

98, 9.787, 186.540

98, 9.455, 198.878

Harmonies

Complementary

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



61, 51.597, 356.706



83, 46.525, 164.044

Rectangle

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



61, 51.597, 356.706



61, 51.597, 46.706



61, 51.597, 176.706



61, 51.597, 226.706

Sweetspot

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



61, 51.594, 356.707



89, 16.936, 351.445



58, 70.571, 314.819



46, 11.468, 351.670



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, 51.594, 356.707



63, 66.143, 359.048



62, 48.113, 32.260



45, 5.463, 350.752



38, 64.977, 12.344



7, 26.875, 2.864

Inverse Universe

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



61, 51.594, 356.707



63, 66.143, 359.048



80, 31.769, 209.049



45, 5.463, 350.752



38, 64.977, 12.344



7, 26.875, 2.864

Previews

White Background



This preview shows how the CIELCh color 61, 51.597, 356.706 looks on a white background.

Color Contrast Check

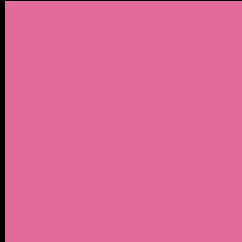
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 51.597, 356.706 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, 51.597, 356.706

Background



This preview shows how black text looks on a background with the CIELCh color 61, 51.597, 356.706.

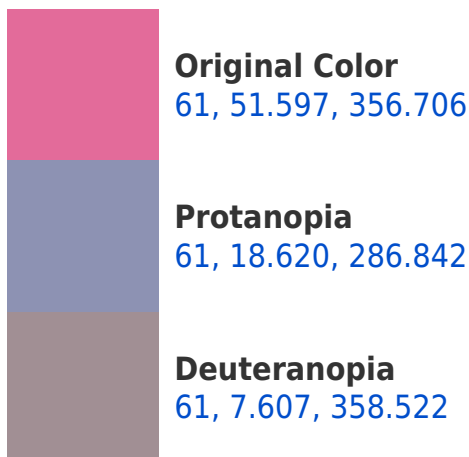


This preview shows how white text looks on a background with the CIELCh color 61, 51.597, 356.706.

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
61, 46.193, 19.685

Trichromacy



Original Color
61, 51.597, 356.706



Protanomaly
60, 26.113, 327.087



Deuteranomaly
60, 24.299, 354.828

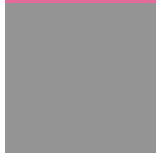


Tritanomaly
61, 46.906, 10.705

Monochromacy



Original Color
61, 51.597, 356.706



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 19.717, 352.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 51.597, 356.706 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(227, 107, 154)` looks like.

```
.text, #text, p{  
    color:rgb(227, 107, 154)  
}
```

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(227, 107, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 107, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 51.597, 356.706 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(227, 107, 154) }
```

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

```
.border{ border-color:rgb(227, 107, 154) }
```

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

Here you see how a box with a 4 pixel rgb(227, 107, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 107, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 107, 154);  
box-shadow:4px 4px 4px 4px rgb(227, 107,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 51.597, 356.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 107, 154) }
```

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

```
.background{ background-color: rgb(227,  
107, 154) }
```

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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