

Converting Colors

CIELCh(61, 69.034, 336.535)

Have a look what the booklet for
CIELCh(61, 69.034, 336.535)
contains.

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Color

CIELCh(61, 69.023, 336.505)

Conversions

Conversions Part 1

Format	Color
Hex	E660C5
RGB	230, 96, 197
RGB Percent	90%, 38%, 77%
CMY	0.0977, 0.6232, 0.2272
CMYK	0.00, 0.58, 0.14, 0.10
HSL	315°, 73%, 64%
HSV	315°, 58%, 90%
XYZ	46.9321, 29.2481, 56.0370
YIQ	147.5800, 47.4430, 59.8190

Conversions

Conversions Part 2

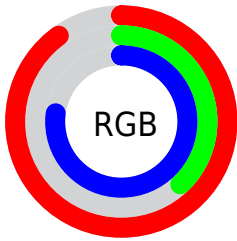
Format	Color
R _Y B	230, 96, 197
Decimal	15098053
CIE Lab	61.00, 63.30, -27.52
CIE LCh	61, 69.023, 336.505
Yxy	29.2481, 0.3550, 0.2212
Android (android.graphics.Color)	4293288133 (0xFFE660C5)
YUV	147.5800, 24.3641, 72.2823
Hunter-Lab	54.0815, 60.2600, -23.5767

Details

The CIELCh color **61, 69.023, 336.505** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **82, 69.490, 146.449**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.876, 326.871**, and **41, 69.158, 336.365** is the 20% darker color. If you saturate the color by 10%, you get **57, 77.562, 337.431**, and if you desaturate by 10%, it is **65, 58.716, 335.657**.

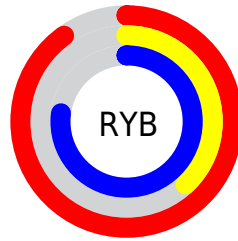
Distribution



Red (90%)

Green (38%)

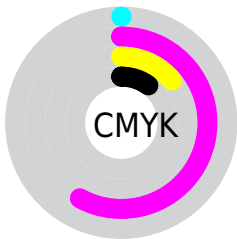
Blue (77%)



Red (90%)

Yellow (38%)

Blue (77%)

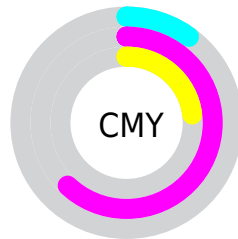


Cyan (0%)

Magenta (58%)

Yellow (14%)

Black (10%)



Cyan (10%)


Magenta (62%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 69.023, 336.505 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, 69.023, 336.505 by changing the saturation by 10% instead.


 61, 69.023,
336.505


 61, 69.023,
336.505


 100, 69.023,
336.505


 51, 69.023,
336.505


 81, 69.023,
336.505

 41, 69.023,
336.505

 91, 69.023,
336.505

 31, 69.023,
336.505

 21, 69.023,
336.505

 11, 69.023,
336.505

 1, 69.023, 336.505

 0, 69.023, 336.505

61, 69.023,
336.505

61, 69.023,
336.505

57, 77.562,
337.431

65, 58.716,
335.657

55, 83.784,
338.470

70, 47.232,
334.864

53, 87.318,
339.671

75, 35.072,
334.113

52, 88.269,
341.083

81, 22.624,
333.397

52, 88.323,
341.344

86, 10.161,
332.701

92, 2.137, 152.260

98, 12.863,
152.351

98, 10.875,
162.587

Harmonies

Complementary

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



61, 69.023, 336.505



82, 69.490, 146.449

Rectangle

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



61, 69.023, 336.505



61, 69.023, 26.505



61, 69.023, 156.505



61, 69.023, 206.505

Sweetspot

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



61, 69.020, 336.505



89, 22.908, 333.316



50, 77.813, 304.657



46, 15.335, 333.458



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, 69.020, 336.505



63, 85.515, 337.644



59, 55.554, 7.183



45, 6.995, 332.785



40, 73.257, 341.071



8, 31.568, 338.638

Inverse Universe

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



61, 69.020, 336.505



63, 85.515, 337.644



83, 45.562, 171.823



45, 6.995, 332.785



40, 73.257, 341.071



8, 31.568, 338.638

Previews

White Background



This preview shows how the CIELCh color 61, 69.023, 336.505 looks on a white background.

Color Contrast Check

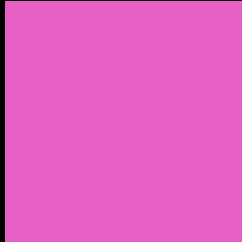
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.023, 336.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

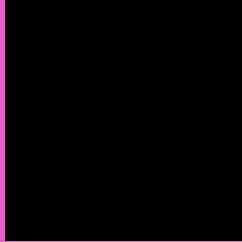
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 69.023, 336.505

Background



This preview shows how black text looks on a background with the CIELCh color 61, 69.023, 336.505.

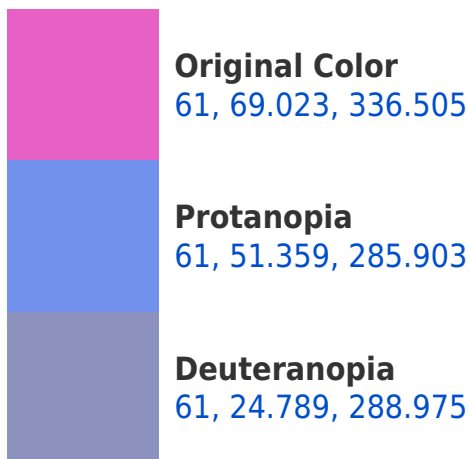


This preview shows how white text looks on a background with the CIELCh color 61, 69.023, 336.505.

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, 45.287, 18.788

Trichromacy



Original Color
61, 69.023, 336.505



Protanomaly
59, 54.565, 305.113



Deuteranomaly
60, 40.081, 317.417



Tritanomaly
61, 50.386, 358.546

Monochromacy



Original Color
61, 69.023, 336.505



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 27.780, 333.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 69.023, 336.505 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(230, 96, 197)` looks like.

```
.text, #text, p{  
    color:rgb(230, 96, 197)  
}
```

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(230, 96, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 96, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 69.023, 336.505 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(230, 96, 197) }
```

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

```
.border{ border-color:rgb(230, 96, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 96, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 96, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 96, 197);  
box-shadow:4px 4px 4px 4px rgb(230, 96,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 69.023, 336.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 96, 197) }
```

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

```
.background{ background-color: rgb(230, 96,  
197) }
```

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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