

Converting Colors

CIELCh(61, 65.197, 342.391)

Have a look what the booklet for
CIELCh(61, 65.197, 342.391)
contains.

CIELCh(61, 65.176, 342.459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 65.176, 342.459)

Conversions

Conversions Part 1

Format	Color
Hex	E960B7
RGB	233, 96, 183
RGB Percent	91%, 38%, 72%
CMY	0.0848, 0.6221, 0.2810
CMYK	0.00, 0.59, 0.21, 0.08
HSL	322°, 76%, 65%
HSV	322°, 59%, 92%
XYZ	46.5217, 29.2481, 48.1772
YIQ	146.8810, 53.7250, 56.1010

Conversions

Conversions Part 2

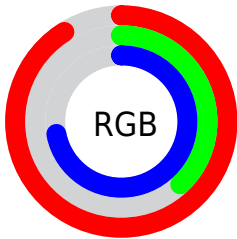
Format	Color
R _{YB}	233, 96, 183
Decimal	15294647
CIE _{Lab}	61.00, 62.15, -19.64
CIE _{LCh}	61, 65.176, 342.459
Yxy	29.2481, 0.3753, 0.2360
Android (android.graphics.Color)	4293484727 (0xFFE960B7)
YUV	146.8810, 17.8067, 75.5264
Hunter-Lab	54.0815, 58.9056, -14.9599

Details

The CIELCh color **61, 65.176, 342.459** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **83, 64.410, 150.834**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 57.532, 331.548**, and **41, 65.099, 342.437** is the 20% darker color. If you saturate the color by 10%, you get **57, 73.187, 343.842**, and if you desaturate by 10%, it is **65, 55.473, 341.277**.

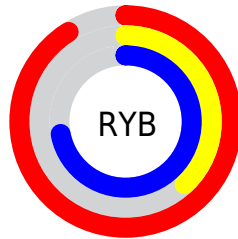
Distribution



Red (91%)

Green (38%)

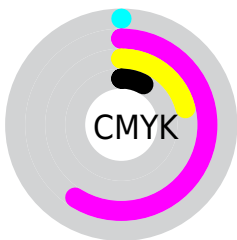
Blue (72%)



Red (91%)

Yellow (38%)

Blue (72%)

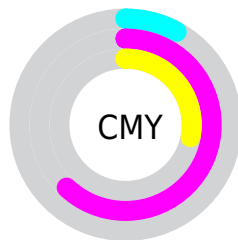


Cyan (0%)

Magenta (59%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (62%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 65.176, 342.459 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, 65.176, 342.459 by changing the saturation by 10% instead.


 61, 65.176,
342.459


 61, 65.176,
342.459


 100, 65.176,
342.459


 51, 65.176,
342.459


 81, 65.176,
342.459

 41, 65.176,
342.459

 91, 65.176,
342.459

 31, 65.176,
342.459

 21, 65.176,
342.459

 11, 65.176,
342.459

 1, 65.176, 342.459

 0, 65.176, 342.459

61, 65.176,
342.459

61, 65.176,
342.459

57, 73.187,
343.842

65, 55.473,
341.277

54, 78.953,
345.505

70, 44.668,
340.237

53, 82.115,
347.553

76, 33.255,
339.303

51, 82.845,
350.070

81, 21.608,
338.447

51, 82.877,
350.413

87, 9.984, 337.643

93, 1.452, 157.235

98, 9.785, 160.156

98, 7.682, 185.595

98, 7.398, 199.027

Harmonies

Complementary

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



61, 65.176, 342.459



83, 64.410, 150.834

Rectangle

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



61, 65.176, 342.459



61, 65.176, 32.459



61, 65.176, 162.459



61, 65.176, 212.459

Sweetspot

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



61, 65.173, 342.460



88, 22.328, 338.395



52, 79.336, 307.788



45, 15.539, 338.638



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, 65.173, 342.460



62, 79.444, 344.091



59, 56.970, 16.304



46, 6.543, 337.703



40, 68.742, 349.921



8, 30.349, 345.729

Inverse Universe

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



61, 65.173, 342.460



62, 79.444, 344.091



85, 42.054, 181.606



46, 6.543, 337.703



40, 68.742, 349.921



8, 30.349, 345.729

Previews

White Background



This preview shows how the CIELCh color 61, 65.176, 342.459 looks on a white background.

Color Contrast Check

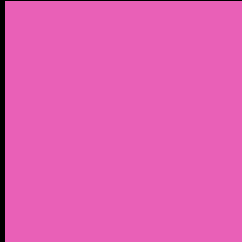
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.176, 342.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

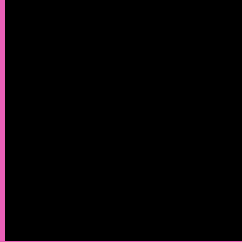
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 65.176, 342.459

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.176, 342.459.

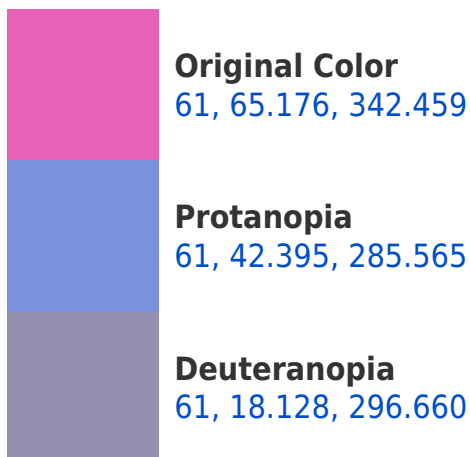


This preview shows how white text looks on a background with the CIELCh color 61, 65.176, 342.459.

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, 48.838, 20.419

Trichromacy



Original Color
61, 65.176, 342.459



Protanomaly
59, 46.825, 308.981



Deuteranomaly
60, 34.814, 325.996



Tritanomaly
61, 51.376, 4.093

Monochromacy



Original Color
61, 65.176, 342.459



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 25.544, 339.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.176, 342.459 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(233, 96, 183)` looks like.

```
.text, #text, p{  
    color:rgb(233, 96, 183)  
}
```

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(233, 96, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 96, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.176, 342.459 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(233, 96, 183) }
```

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

```
.border{ border-color:rgb(233, 96, 183) }
```

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

Here you see how a box with a 4 pixel rgb(233, 96, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 96, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 96, 183);  
box-shadow:4px 4px 4px 4px rgb(233, 96,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.176, 342.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 96, 183) }
```

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

```
.background{ background-color: rgb(233, 96,  
183) }
```

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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