

Converting Colors

CIELCh(60, 59.504, 341.234)

Have a look what the booklet for
CIELCh(60, 59.504, 341.234)
contains.

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Color

CIELCh(60, 59.513, 340.981)

Conversions

Conversions Part 1

Format	Color
Hex	DE65B4
RGB	222, 101, 180
RGB Percent	87%, 40%, 71%
CMY	0.1295, 0.6040, 0.2942
CMYK	0.00, 0.55, 0.19, 0.13
HSL	321°, 65%, 63%
HSV	321°, 55%, 87%
XYZ	43.0046, 28.1233, 46.3300
YIQ	146.1850, 46.7570, 50.2210

Conversions

Conversions Part 2

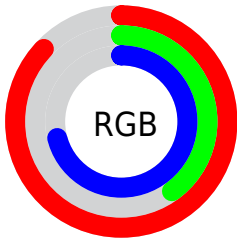
Format	Color
R_{YB}	222, 101, 180
Decimal	14575028
CIE _{Lab}	60.00, 56.26, -19.39
CIE _{LCh}	60, 59.513, 340.981
Yxy	28.1233, 0.3661, 0.2394
Android (android.graphics.Color)	4292765108 (0xFFDE65B4)
YUV	146.1850, 16.6708, 66.4898
Hunter-Lab	53.0314, 51.9452, -14.6756

Details

The CIELCh color $60, 59.513, 340.981$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $80, 58.792, 150.749$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 54.041, 332.786$, and $40, 59.647, 341.000$ is the 20% darker color. If you saturate the color by 10%, you get $56, 68.054, 342.199$, and if you desaturate by 10%, it is $64, 49.579, 339.918$.

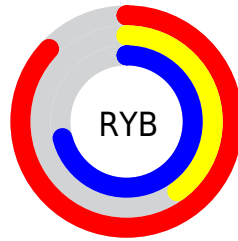
Distribution



Red (87%)

Green (40%)

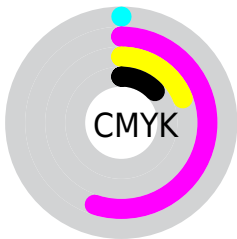
Blue (71%)



Red (87%)

Yellow (40%)

Blue (71%)

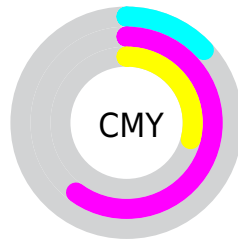


Cyan (0%)

Magenta (55%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (60%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 59.513, 340.981 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 60, 59.513, 340.981 by changing the saturation by 10% instead.


 60, 59.513,
340.981


 60, 59.513,
340.981


 100, 59.513,
340.981


 50, 59.513,
340.981


 80, 59.513,
340.981


 40, 59.513,
340.981

 90, 59.513,
340.981

 30, 59.513,
340.981

 20, 59.513,
340.981

 10, 59.513,
340.981

 0, 59.513, 340.981

 60, 59.513,

 60, 59.513,

340.981

■ 56, 68.054,
342.199

■ 53, 74.647,
343.633

■ 51, 78.837,
345.368

■ 49, 80.476,
347.507

■ 49, 80.631,
348.837

340.981

■ 64, 49.579,
339.918

■ 69, 38.792,
338.966

■ 75, 27.577,
338.097

■ 80, 16.246,
337.291

■ 86, 5.007, 336.498

■ 92, 6.011, 155.948

■ 97, 15.913,
155.918

■ 97, 13.412,
167.953

■ 98, 11.697,
184.335

Harmonies

Complementary

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



60, 59.513, 340.981



80, 58.792, 150.749

Rectangle

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



60, 59.513, 340.981



60, 59.513, 30.981



60, 59.513, 160.981



60, 59.513, 210.981

Sweetspot

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



60, 59.510, 340.982



90, 20.073, 337.418



52, 70.523, 306.970



46, 13.569, 337.583



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 59.510, 340.982



64, 76.408, 342.331



58, 50.556, 13.863



44, 6.390, 336.897



39, 67.986, 348.407



7, 28.540, 344.201

Inverse Universe

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



60, 59.510, 340.982



64, 76.408, 342.331



81, 38.761, 180.592



44, 6.390, 336.897



39, 67.986, 348.407



7, 28.540, 344.201

Previews

White Background



This preview shows how the CIELCh color 60, 59.513, 340.981 looks on a white background.

Color Contrast Check

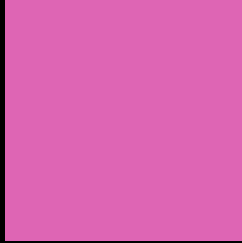
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 59.513, 340.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

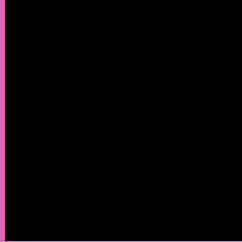
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 59.513, 340.981

Background



This preview shows how black text looks on a background with the CIELCh color 60, 59.513, 340.981.

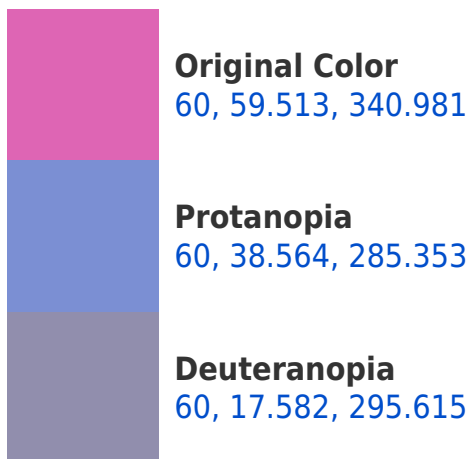


This preview shows how white text looks on a background with the CIELCh color 60, 59.513, 340.981.

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
60, 42.894, 18.834

Trichromacy



Original Color
60, 59.513, 340.981



Protanomaly
59, 42.248, 308.585



Deuteranomaly
59, 32.384, 324.175

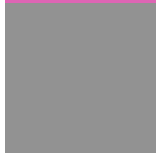


Tritanomaly
60, 46.218, 1.826

Monochromacy



Original Color
60, 59.513, 340.981



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 23.083, 338.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 59.513, 340.981 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(222, 101, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 101, 180)  
}
```

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(222, 101, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 101, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 59.513, 340.981 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(222, 101, 180) }
```

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

```
.border{ border-color:rgb(222, 101, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 101, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 101, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 101, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 101,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 59.513, 340.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 101, 180) }
```

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

```
.background{ background-color: rgb(222,  
101, 180) }
```

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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