

Converting Colors

CIELCh(61, 53.478, 339.840)

Have a look what the booklet for
CIELCh(61, 53.478, 339.840)
contains.

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Color

CIELCh(61, 53.862, 339.876)

Conversions

Conversions Part 1

Format	Color
Hex	D96EB5
RGB	217, 110, 181
RGB Percent	85%, 43%, 71%
CMY	0.1489, 0.5685, 0.2901
CMYK	0.00, 0.49, 0.17, 0.15
HSL	320°, 58%, 64%
HSV	320°, 49%, 85%
XYZ	42.5424, 29.2481, 47.1304
YIQ	150.0870, 40.9810, 44.7650

Conversions

Conversions Part 2

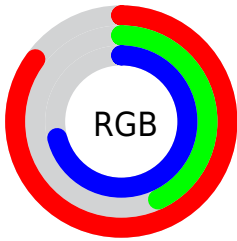
Format	Color
R_{YB}	217, 110, 181
Decimal	14249653
CIE _{Lab}	61.00, 50.57, -18.53
CIE _{LCh}	61, 53.862, 339.876
Yxy	29.2481, 0.3577, 0.2459
Android (android.graphics.Color)	4292439733 (0xFFD96EB5)
YUV	150.0870, 15.2401, 58.6827
Hunter-Lab	54.0815, 45.7714, -13.8123

Details

The CIELCh color **61, 53.862, 339.876** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79, 53.134, 151.052**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 49.020, 332.844**, and **41, 54.043, 339.981** is the 20% darker color. If you saturate the color by 10%, you get **57, 63.085, 340.973**, and if you desaturate by 10%, it is **66, 43.547, 338.901**.

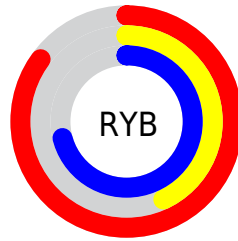
Distribution



Red (85%)

Green (43%)

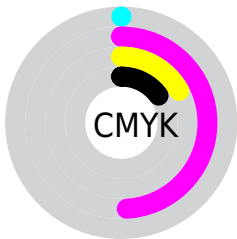
Blue (71%)



Red (85%)

Yellow (43%)

Blue (71%)

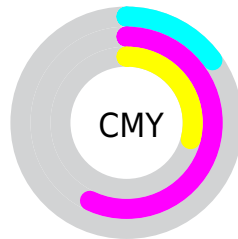


Cyan (0%)

Magenta (49%)

Yellow (17%)

Black (15%)



Cyan (15%)


Magenta (57%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 53.862, 339.876 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, 53.862, 339.876 by changing the saturation by 10% instead.


 61, 53.862,
339.876


 61, 53.862,
339.876


 100, 53.862,
339.876


 51, 53.862,
339.876


 81, 53.862,
339.876

 41, 53.862,
339.876

 91, 53.862,
339.876

 31, 53.862,
339.876

 21, 53.862,
339.876

 11, 53.862,
339.876

 1, 53.862, 339.876

 0, 53.862, 339.876

61, 53.862,
339.876

61, 53.862,
339.876

57, 63.085,
340.973

66, 43.547,
338.901

53, 70.676,
342.238

71, 32.621,
338.014

51, 76.108,
343.739

76, 21.443,
337.195

49, 79.052,
345.567

81, 10.264,
336.421

48, 79.749,
347.781


87, 0.753, 156.247

48, 79.774,
347.942

93, 11.512,
155.126

97, 17.814,
157.370

97, 15.461,
167.481

 97, 13.708,
180.596

Harmonies

Complementary

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



61, 53.862, 339.876



79, 53.134, 151.052

Rectangle

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



61, 53.862, 339.876



61, 53.862, 29.876



61, 53.862, 159.876



61, 53.862, 209.876

Sweetspot

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



61, 53.859, 339.877



90, 18.947, 336.869



54, 62.317, 306.525



47, 12.944, 337.035



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, 53.859, 339.877



66, 71.478, 341.001



59, 44.684, 12.610



43, 6.318, 336.432



38, 67.677, 347.540



6, 27.369, 343.392

Inverse Universe

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



61, 53.859, 339.877



66, 71.478, 341.001



80, 35.210, 181.180



43, 6.318, 336.432



38, 67.677, 347.540



6, 27.369, 343.392

Previews

White Background



This preview shows how the CIELCh color 61, 53.862, 339.876 looks on a white background.

Color Contrast Check

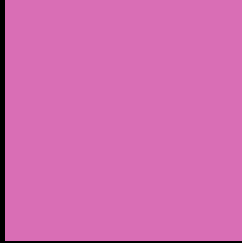
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.862, 339.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

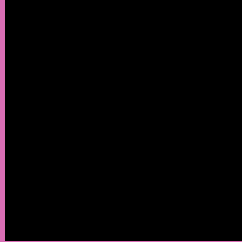
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 53.862, 339.876

Background



This preview shows how black text looks on a background with the CIELCh color 61, 53.862, 339.876.

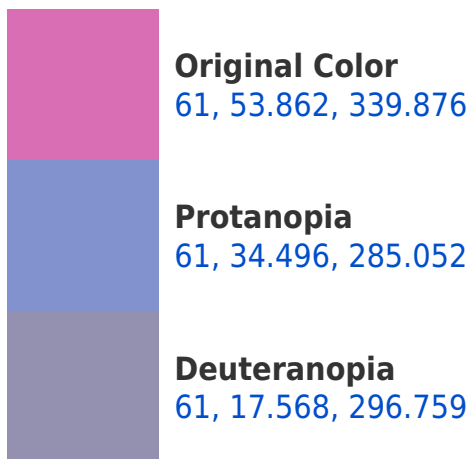


This preview shows how white text looks on a background with the CIELCh color 61, 53.862, 339.876.

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, 37.919, 16.429

Trichromacy



Original Color
61, 53.862, 339.876

Protanomaly
60, 38.061, 308.393

Deuteranomaly
60, 29.493, 323.251

Tritanomaly
61, 41.512, 359.610

Monochromacy



Original Color
61, 53.862, 339.876

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 20.872, 337.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 53.862, 339.876 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(217, 110, 181)` looks like.

```
.text, #text, p{  
    color:rgb(217, 110, 181)  
}
```

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(217, 110, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 110, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 53.862, 339.876 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(217, 110, 181) }
```

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

```
.border{ border-color:rgb(217, 110, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 110, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 110, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 110, 181);  
box-shadow:4px 4px 4px 4px rgb(217, 110,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 53.862, 339.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 110, 181) }
```

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

```
.background{ background-color: rgb(217,  
110, 181) }
```

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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