

Converting Colors

CIELCh(61, 52.277, 337.710)

Have a look what the booklet for
CIELCh(61, 52.277, 337.710)
contains.

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Color

CIELCh(61, 51.952, 337.906)

Conversions

Conversions Part 1

Format	Color
Hex	D571B7
RGB	213, 113, 183
RGB Percent	84%, 44%, 72%
CMY	0.1660, 0.5580, 0.2835
CMYK	0.00, 0.47, 0.14, 0.17
HSL	318°, 54%, 64%
HSV	318°, 47%, 83%
XYZ	41.7344, 29.2481, 48.0798
YIQ	150.8800, 37.1300, 42.9700

Conversions

Conversions Part 2

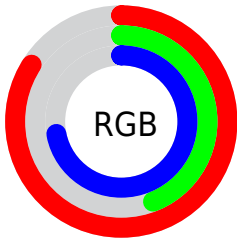
Format	Color
R _Y B	213, 113, 183
Decimal	13988279
CIE Lab	61.00, 48.14, -19.54
CIE LCh	61, 51.952, 337.906
Yxy	29.2481, 0.3505, 0.2457
Android (android.graphics.Color)	4292178359 (0xFFD571B7)
YUV	150.8800, 15.8352, 54.4792
Hunter-Lab	54.0815, 43.1047, -14.8532

Details

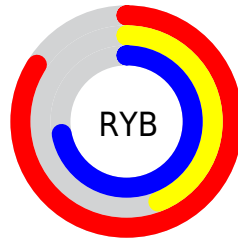
The CIELCh color $61, 51.952, 337.906$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $78, 51.470, 149.938$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 48.559, 332.114$, and $41, 52.011, 337.793$ is the 20% darker color. If you saturate the color by 10%, you get $57, 61.511, 338.872$, and if you desaturate by 10%, it is $66, 41.405, 337.027$.

Distribution



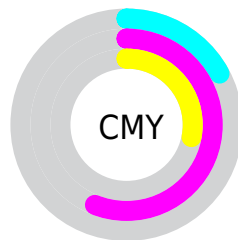
- Red (84%)
- Green (44%)
- Blue (72%)



- Red (84%)
- Yellow (44%)
- Blue (72%)



- Cyan (0%)
- Magenta (47%)
- Yellow (14%)
- Black (17%)





- Cyan (17%)
- Magenta (56%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 51.952, 337.906 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, 51.952, 337.906 by changing the saturation by 10% instead.


 61, 51.952,
337.906


 61, 51.952,
337.906


 100, 51.952,
337.906


 51, 51.952,
337.906


 81, 51.952,
337.906

 41, 51.952,
337.906

 91, 51.952,
337.906

 31, 51.952,
337.906

 21, 51.952,
337.906

 11, 51.952,
337.906

 1, 51.952, 337.906

 0, 51.952, 337.906

61, 51.952,
337.906

61, 51.952,
337.906

57, 61.511,
338.872

66, 41.405,
337.027

53, 69.559,
339.957

71, 30.324,
336.213

51, 75.561,
341.211

76, 19.042,
335.449

49, 79.129,
342.703

81, 7.790, 334.712

48, 80.247,
344.506


87, 3.284, 154.196

47, 80.358,
345.084

92, 14.093,
153.484

96, 20.641,
154.964

97, 18.426,
162.077

 97, 16.540,
170.915

Harmonies

Complementary

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



61, 51.952, 337.906



78, 51.470, 149.938

Rectangle

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



61, 51.952, 337.906



61, 51.952, 27.906



61, 51.952, 157.906



61, 51.952, 207.906

Sweetspot

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



61, 51.949, 337.906



91, 18.134, 335.238



54, 58.151, 304.826



47, 12.536, 335.399



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, 51.949, 337.906



68, 70.104, 338.829



60, 41.874, 8.300



42, 6.360, 334.891



38, 68.457, 344.751



6, 26.467, 341.087

Inverse Universe

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



61, 51.949, 337.906



68, 70.104, 338.829



79, 34.548, 177.260



42, 6.360, 334.891



38, 68.457, 344.751



6, 26.467, 341.087

Previews

White Background



This preview shows how the CIELCh color 61, 51.952, 337.906 looks on a white background.

Color Contrast Check

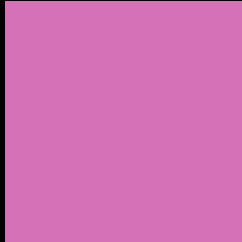
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 51.952, 337.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

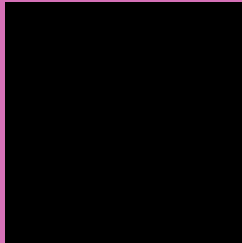
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 51.952, 337.906

Background



This preview shows how black text looks on a background with the CIELCh color 61, 51.952, 337.906.



This preview shows how white text looks on a background with the CIELCh color 61, 51.952, 337.906.

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



Original Color
61, 51.952, 337.906

Protanopia
61, 34.496, 285.052

Deuteranopia
61, 18.661, 295.484



Tritanopia
61, 34.940, 15.361

Trichromacy



Original Color
61, 51.952, 337.906



Protanomaly
60, 37.266, 307.031



Deuteranomaly
61, 29.434, 320.730

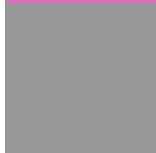


Tritanomaly
61, 38.870, 358.169

Monochromacy



Original Color
61, 51.952, 337.906



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 20.037, 334.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 51.952, 337.906 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(213, 113, 183)` looks like.

```
.text, #text, p{  
    color:rgb(213, 113, 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(213, 113, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 113, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 51.952, 337.906 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(213, 113, 183) }
```

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

```
.border{ border-color:rgb(213, 113, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 113, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 113, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 113, 183);  
box-shadow:4px 4px 4px 4px rgb(213, 113,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 51.952, 337.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 113, 183) }
```

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

```
.background{ background-color: rgb(213,  
113, 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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