

Converting Colors

CIELCh(61, 38.661, 341.963)

Have a look what the booklet for
CIELCh(61, 38.661, 341.963)
contains.

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Color

CIELCh(61, 38.280, 342.060)

Conversions

Conversions Part 1

Format	Color
Hex	C87BA9
RGB	200, 123, 169
RGB Percent	78%, 48%, 66%
CMY	0.2163, 0.5182, 0.3378
CMYK	0.00, 0.39, 0.16, 0.22
HSL	324°, 41%, 63%
HSV	324°, 39%, 78%
XYZ	37.9916, 29.2481, 41.1075
YIQ	151.2670, 31.1260, 30.6300

Conversions

Conversions Part 2

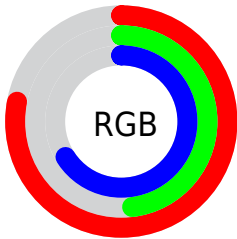
Format	Color
R_{YB}	200, 123, 169
Decimal	13138857
CIE _{Lab}	61.00, 36.42, -11.79
CIE _{LCh}	61, 38.280, 342.060
Yxy	29.2481, 0.3506, 0.2699
Android (android.graphics.Color)	4291328937 (0xFFC87BA9)
YUV	151.2670, 8.7424, 42.7388
Hunter-Lab	54.0815, 30.7514, -7.2094

Details

The CIELCh color $61, 38.280, 342.060$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $75, 37.318, 155.212$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 37.262, 341.056$, and $41, 38.225, 341.738$ is the 20% darker color. If you saturate the color by 10%, you get $57, 47.666, 343.169$, and if you desaturate by 10%, it is $66, 28.410, 341.076$.

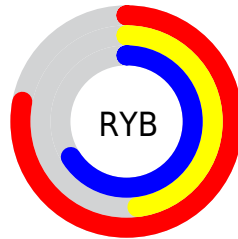
Distribution



Red (78%)

Green (48%)

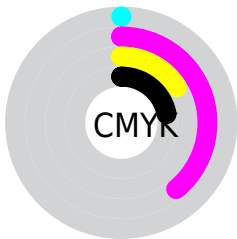
Blue (66%)



Red (78%)

Yellow (48%)

Blue (66%)

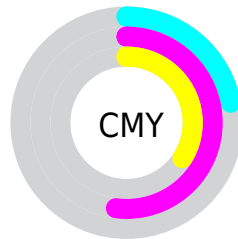


Cyan (0%)

Magenta (39%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (52%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 38.280, 342.060 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, 38.280, 342.060 by changing the saturation by 10% instead.


 61, 38.280,
342.060


 61, 38.280,
342.060


 100, 38.280,
342.060


 51, 38.280,
342.060


 81, 38.280,
342.060

 41, 38.280,
342.060

 91, 38.280,
342.060

 31, 38.280,
342.060

 21, 38.280,
342.060

 11, 38.280,
342.060

 1, 38.280, 342.060

 0, 38.280, 342.060

61, 38.280,
342.060

61, 38.280,
342.060

57, 47.666,
343.169

66, 28.410,
341.076

53, 56.159,
344.445

71, 18.375,
340.183

49, 63.262,
345.954

76, 8.384, 339.349

47, 68.488,
347.789

81, 1.429, 158.908

45, 71.510,
350.067

87, 10.988,
157.991

44, 72.489,
352.872

92, 20.256,
157.333

44, 72.588,
353.305

96, 24.681,
159.643

96, 22.120,
167.686

■ 96, 20.051,
177.544

Harmonies

Complementary

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



61, 38.280, 342.060



75, 37.318, 155.212

Rectangle

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



61, 38.280, 342.060



61, 38.280, 32.060



61, 38.280, 162.060



61, 38.280, 212.060

Sweetspot

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



61, 38.277, 342.061



92, 14.438, 339.650



57, 45.168, 307.759



48, 9.588, 339.760



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, 38.277, 342.061



72, 55.236, 342.952



60, 32.079, 15.531



39, 5.562, 339.420



35, 62.615, 352.798



4, 18.984, 346.952

Inverse Universe

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



61, 38.277, 342.061



72, 55.236, 342.952



76, 25.815, 188.156



39, 5.562, 339.420



35, 62.615, 352.798



4, 18.984, 346.952

Previews

White Background



This preview shows how the CIELCh color 61, 38.280, 342.060 looks on a white background.

Color Contrast Check

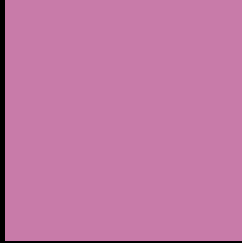
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.280, 342.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

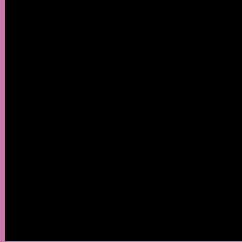
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 38.280, 342.060

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.280, 342.060.



This preview shows how white text looks on a background with the CIELCh color 61, 38.280, 342.060.

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, 38.280, 342.060

Protanopia
61, 22.047, 285.483

Deuteranopia
61, 12.456, 308.807



Tritanopia
61, 27.714, 12.195

Trichromacy



Original Color
61, 38.280, 342.060

Protanomaly
61, 24.562, 311.366

Deuteranomaly
61, 21.452, 329.812

Tritanomaly
61, 30.116, 359.052

Monochromacy



Original Color
61, 38.280, 342.060

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 14.066, 341.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 38.280, 342.060 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(200, 123, 169)` looks like.

```
.text, #text, p{  
    color:rgb(200, 123, 169)  
}
```

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(200, 123, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 123, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.280, 342.060 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(200, 123, 169) }
```

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

```
.border{ border-color:rgb(200, 123, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 123, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 123, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 123, 169);  
box-shadow:4px 4px 4px 4px rgb(200, 123,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.280, 342.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 123, 169) }
```

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

```
.background{ background-color: rgb(200,  
123, 169) }
```

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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