

Converting Colors

CIELCh(61, 38.102, 6.466)

Have a look what the booklet for
CIELCh(61, 38.102, 6.466) contains.

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Color

CIELCh(61, 38.102, 6.466)

Conversions

Conversions Part 1

Format	Color
Hex	D3788D
RGB	211, 120, 141
RGB Percent	83%, 47%, 55%
CMY	0.1721, 0.5290, 0.4467
CMYK	0.00, 0.43, 0.33, 0.17
HSL	346°, 51%, 65%
HSV	346°, 43%, 83%
XYZ	38.4392, 29.2481, 28.8571
YIQ	149.6030, 47.4950, 25.8230

Conversions

Conversions Part 2

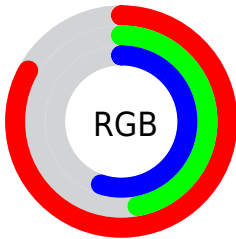
Format	Color
R _Y B	211, 120, 141
Decimal	13858957
CIE Lab	61.00, 37.86, 4.29
CIE LCh	61, 38.102, 6.466
Yxy	29.2481, 0.3982, 0.3029
Android (android.graphics.Color)	4292049037 (0xFFD3788D)
YUV	149.6030, -4.2413, 53.8452
Hunter-Lab	54.0815, 32.2287, 6.2208

Details

The CIELCh color **61, 38.102, 6.466** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79, 32.234, 176.611**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.471, 2.508**, and **41, 38.042, 6.642** is the 20% darker color. If you saturate the color by 10%, you get **56, 47.218, 8.583**, and if you desaturate by 10%, it is **66, 28.860, 4.764**.

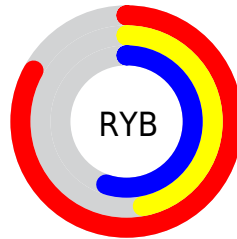
Distribution



Red (83%)

Green (47%)

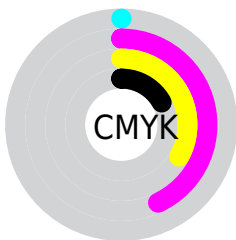
Blue (55%)



Red (83%)

Yellow (47%)

Blue (55%)

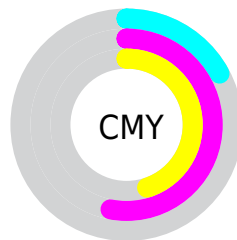


Cyan (0%)

Magenta (43%)

Yellow (33%)

Black (17%)



Cyan (17%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 38.102, 6.466 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, 38.102, 6.466 by changing the saturation by 10% instead.

61, 38.102, 6.466

61, 38.102, 6.466

100, 38.102, 6.466

51, 38.102, 6.466

81, 38.102, 6.466

41, 38.102, 6.466

91, 38.102, 6.466

31, 38.102, 6.466

21, 38.102, 6.466

11, 38.102, 6.466

1, 38.102, 6.466

0, 38.102, 6.466

61, 38.102, 6.466

61, 38.102, 6.466

56, 47.218, 8.583

66, 28.860, 4.764

■ 52, 55.872, 11.248

■ 71, 19.758, 3.360

■ 49, 63.682, 14.623

■ 77, 10.955, 2.171

■ 46, 70.368, 18.845

■ 83, 2.537, 1.018

■ 45, 75.908, 23.913

■ 89, 5.465, 180.457

■ 44, 79.366, 27.608

■ 95, 13.051,
179.644

■ 97, 14.657,
198.099

■ 97, 14.648,
198.530

Harmonies

Complementary

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



61, 38.102, 6.466



79, 32.234, 176.611

Rectangle

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



61, 38.102, 6.466



61, 38.102, 56.466



61, 38.102, 186.466



61, 38.102, 236.466

Sweetspot

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



61, 38.099, 6.469



91, 12.665, 2.175



61, 55.697, 319.645



47, 8.910, 2.426



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, 38.099, 6.469



68, 53.886, 8.455



66, 32.169, 45.909



41, 4.663, 1.765



35, 66.541, 26.633



4, 20.284, 8.815

Inverse Universe

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



61, 38.099, 6.469



68, 53.886, 8.455



72, 23.999, 231.751



41, 4.663, 1.765



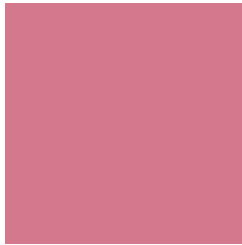
35, 66.541, 26.633



4, 20.284, 8.815

Previews

White Background



This preview shows how the CIELCh color 61, 38.102, 6.466 looks on a white background.

Color Contrast Check

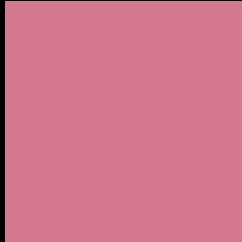
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.102, 6.466 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, 38.102, 6.466

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.102, 6.466.



This preview shows how white text looks on a background with the CIELCh color 61, 38.102, 6.466.

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, 38.102, 6.466

Protanopia

61, 5.088, 295.006

Deuteranopia

61, 9.920, 39.915



Tritanopia
61, 36.634, 15.978

Trichromacy



Original Color
61, 38.102, 6.466

Protanomaly
61, 15.456, 350.547

Deuteranomaly
61, 19.212, 16.455

Tritanomaly
61, 37.019, 11.881

Monochromacy



Original Color
61, 38.102, 6.466

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 13.815, 1.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 38.102, 6.466 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(211, 120, 141)` looks like.

```
.text, #text, p{  
    color:rgb(211, 120, 141)  
}
```

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(211, 120, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 120, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.102, 6.466 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(211, 120, 141) }
```

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

```
.border{ border-color:rgb(211, 120, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 120, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 120, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 120, 141);  
box-shadow:4px 4px 4px 4px rgb(211, 120,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.102, 6.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 120, 141) }
```

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

```
.background{ background-color: rgb(211,  
120, 141) }
```

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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