

Converting Colors

CIELCh(61, 38.682, 2.710)

Have a look what the booklet for
CIELCh(61, 38.682, 2.710) contains.

CIELCh(61, 38.431, 3.200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 38.431, 3.200)

Conversions

Conversions Part 1

Format	Color
Hex	D37891
RGB	211, 120, 145
RGB Percent	83%, 47%, 57%
CMY	0.1733, 0.5301, 0.4321
CMYK	0.00, 0.43, 0.31, 0.17
HSL	344°, 51%, 65%
HSV	344°, 43%, 83%
XYZ	38.5990, 29.2481, 30.3272
YIQ	150.0590, 46.2110, 27.0670

Conversions

Conversions Part 2

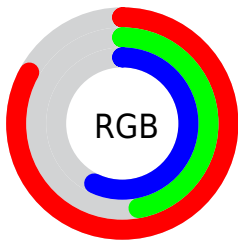
Format	Color
R _Y B	211, 120, 145
Decimal	13858961
CIE Lab	61.00, 38.37, 2.15
CIE LCh	61, 38.431, 3.200
Yxy	29.2481, 0.3932, 0.2979
Android (android.graphics.Color)	4292049041 (0xFFD37891)
YUV	150.0590, -2.4941, 53.4453
Hunter-Lab	54.0815, 32.7559, 4.6091

Details

The CIELCh color $61, 38.431, 3.200$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $78, 33.315, 173.262$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 33.013, 358.965$, and $41, 38.318, 3.100$ is the 20% darker color. If you saturate the color by 10%, you get $56, 47.420, 5.251$, and if you desaturate by 10%, it is $66, 29.224, 1.539$.

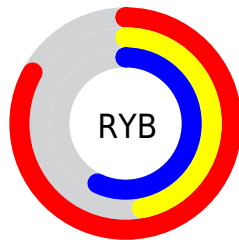
Distribution



Red (83%)

Green (47%)

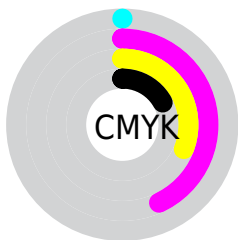
Blue (57%)



Red (83%)

Yellow (47%)

Blue (57%)

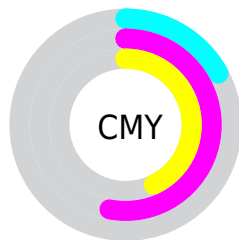


Cyan (0%)

Magenta (43%)

Yellow (31%)

Black (17%)



Cyan (17%)

Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 38.431, 3.200 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, 38.431, 3.200 by changing the saturation by 10% instead.

61, 38.431, 3.200

61, 38.431, 3.200

100, 38.431, 3.200

51, 38.431, 3.200

81, 38.431, 3.200

41, 38.431, 3.200

91, 38.431, 3.200

31, 38.431, 3.200

21, 38.431, 3.200

11, 38.431, 3.200

1, 38.431, 3.200

0, 38.431, 3.200

61, 38.431, 3.200

61, 38.431, 3.200

56, 47.420, 5.251

66, 29.224, 1.539

■ 52, 55.831, 7.822

■ 71, 20.084, 0.157

■ 49, 63.261, 11.078

■ 77, 11.185,
358.976

■ 47, 69.412, 15.180

■ 83, 2.627, 357.831

■ 45, 74.270, 20.189

■ 88, 5.546, 177.242

■ 44, 77.210, 23.907

■ 94, 13.326,
176.417

■ 97, 14.959,
192.269

■ 97, 14.746,
198.523

Harmonies

Complementary

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



61, 38.431, 3.200



78, 33.315, 173.262

Rectangle

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



61, 38.431, 3.200



61, 38.431, 53.200



61, 38.431, 183.200



61, 38.431, 233.200

Sweetspot

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



61, 38.428, 3.202



91, 12.897, 358.975



60, 55.233, 318.086



47, 9.067, 359.225



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, 38.428, 3.202



68, 54.145, 5.118



65, 32.974, 41.090



41, 4.753, 358.566



35, 64.895, 22.918



4, 20.408, 6.791

Inverse Universe

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



61, 38.428, 3.202



68, 54.145, 5.118



74, 24.126, 224.458



41, 4.753, 358.566



35, 64.895, 22.918



4, 20.408, 6.791

Previews

White Background



This preview shows how the CIELCh color 61, 38.431, 3.200 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, 38.431, 3.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

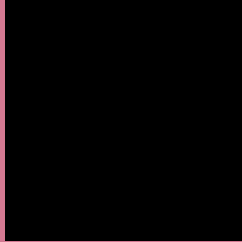
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 38.431, 3.200

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.431, 3.200.



This preview shows how white text looks on a background with the CIELCh color 61, 38.431, 3.200.

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, 36.634, 15.978

Trichromacy



Original Color
61, 38.431, 3.200

Protanomaly
61, 16.310, 342.858

Deuteranomaly
61, 18.914, 9.556

Tritanomaly
61, 37.032, 11.026

Monochromacy



Original Color
61, 38.431, 3.200

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 13.976, 359.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 38.431, 3.200 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(211, 120, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 120, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.431, 3.200 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, 145) }
```

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

```
.border{ border-color:rgb(211, 120, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 120, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 120, 145);  
box-shadow:4px 4px 4px 4px rgb(211, 120,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.431, 3.200 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, 145) }
```

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

```
.background{ background-color: rgb(211,  
120, 145) }
```

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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