

Converting Colors

CIELCh(61, 34.121, 288.491)

Have a look what the booklet for
CIELCh(61, 34.121, 288.491)
contains.

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Color

CIELCh(61, 33.823, 288.444)

Conversions

Conversions Part 1

Format	Color
Hex	8690CC
RGB	134, 144, 204
RGB Percent	53%, 56%, 80%
CMY	0.4757, 0.4364, 0.2012
CMYK	0.34, 0.29, 0.00, 0.20
HSL	231°, 41%, 66%
HSV	231°, 34%, 80%
XYZ	30.5760, 29.2481, 60.9665
YIQ	147.8500, -25.2200, 16.5400

Conversions

Conversions Part 2

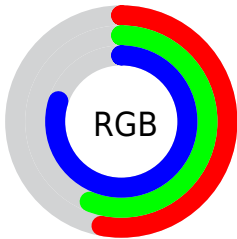
Format	Color
RYB	134, 143, 204
Decimal	8818892
CIELab	61.00, 10.70, -32.09
CIELCh	61, 33.823, 288.444
Yxy	29.2481, 0.2531, 0.2421
Android (android.graphics.Color)	4287008972 (0xFF8690CC)
YUV	147.8500, 27.6820, -12.1464
Hunter-Lab	54.0815, 6.2755, -28.9810

Details

The CIELCh color **61, 33.823, 288.444** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **78, 31.954, 99.814**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.370, 287.392**, and **41, 34.011, 288.223** is the 20% darker color. If you saturate the color by 10%, you get **55, 44.474, 290.400**, and if you desaturate by 10%, it is **67, 23.560, 286.766**.

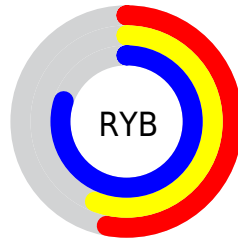
Distribution



Red (53%)

Green (56%)

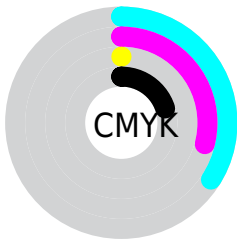
Blue (80%)



Red (53%)

Yellow (56%)

Blue (80%)

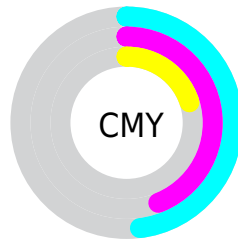


Cyan (34%)

Magenta (29%)

Yellow (0%)

Black (20%)



Cyan (48%)

Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 33.823, 288.444 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, 33.823, 288.444 by changing the saturation by 10% instead.

■ 61, 33.823,
288.444

■ 61, 33.823,
288.444

■ 100, 33.823,
288.444

■ 51, 33.823,
288.444

■ 81, 33.823,
288.444

■ 41, 33.823,
288.444

■ 91, 33.823,
288.444

■ 31, 33.823,
288.444

■ 21, 33.823,
288.444

■ 11, 33.823,
288.444

■ 1, 33.823, 288.444

■ 0, 33.823, 288.444

■ 61, 33.823,
288.444

■ 61, 33.823,
288.444

■ 55, 44.474,
290.400

■ 67, 23.560,
286.766

■ 49, 55.536,
292.651

■ 73, 13.657,
285.335

■ 43, 66.975,
295.178

■ 79, 4.085, 284.131

■ 38, 78.615,
297.895

■ 85, 5.182, 103.025

■ 33, 89.979,
300.621

■ 91, 14.163,
102.137

■ 29, 100.113,
303.079

■ 97, 22.837,
102.226

■ 27, 104.838,
304.188

■ 99, 25.889,
108.213

Harmonies

Complementary

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



61, 33.823, 288.444



78, 31.954, 99.814

Rectangle

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



61, 33.823, 288.444



61, 33.823, 338.444



61, 33.823, 108.444



61, 33.823, 158.444

Sweetspot

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



61, 33.822, 288.444



93, 11.337, 284.797



77, 24.345, 184.143



48, 7.752, 284.974



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, 33.822, 288.444



70, 49.071, 289.819



60, 40.482, 305.837



40, 5.360, 284.708



22, 89.012, 303.885



2, 21.202, 288.691

Inverse Universe

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



63, 28.774, 11.572



74, 41.847, 12.797



79, 37.925, 121.818



40, 4.440, 8.454



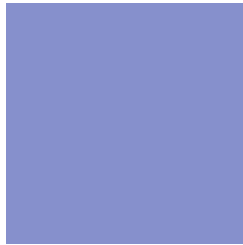
34, 69.589, 32.955



4, 18.075, 12.396

Previews

White Background



This preview shows how the CIELCh color 61, 33.823, 288.444 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, 33.823, 288.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

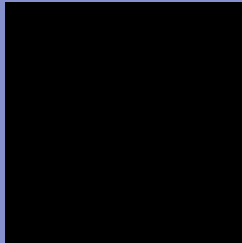
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.823, 288.444

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.823, 288.444.



This preview shows how white text looks on a background with the CIELCh color 61, 33.823, 288.444.

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, 33.823, 288.444

Protanopia

61, 33.952, 285.355

Deuteranopia

61, 32.853, 284.899



Tritanopia
61, 11.580, 238.177

Trichromacy



Original Color
61, 33.823, 288.444

Protanomaly
61, 33.886, 286.362

Deuteranomaly
61, 32.785, 285.947

Tritanomaly
61, 18.000, 269.746

Monochromacy



Original Color
61, 33.823, 288.444

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 12.420, 286.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.823, 288.444 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(134, 144, 204)` looks like.

```
.text, #text, p{  
    color:rgb(134, 144, 204)  
}
```

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(134, 144, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 144, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.823, 288.444 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(134, 144, 204) }
```

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

```
.border{ border-color:rgb(134, 144, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 144, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 144, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 144, 204);  
box-shadow:4px 4px 4px 4px rgb(134, 144,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.823, 288.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 144, 204) }
```

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

```
.background{ background-color: rgb(134,  
144, 204) }
```

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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