

Converting Colors

CIELCh(61, 34.571, 284.084)

Have a look what the booklet for
CIELCh(61, 34.571, 284.084)
contains.

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Color

CIELCh(61, 34.612, 284.120)

Conversions

Conversions Part 1

Format	Color
Hex	7E91CE
RGB	126, 145, 206
RGB Percent	49%, 57%, 81%
CMY	0.5049, 0.4304, 0.1911
CMYK	0.39, 0.30, 0.00, 0.19
HSL	226°, 45%, 65%
HSV	226°, 39%, 81%
XYZ	29.9756, 29.2481, 62.6241
YIQ	146.2730, -30.9050, 14.9430

Conversions

Conversions Part 2

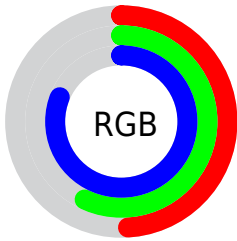
Format	Color
R_{YB}	126, 141, 206
Decimal	8294862
CIE _{Lab}	61.00, 8.44, -33.57
CIE _{LCh}	61, 34.612, 284.120
Yxy	29.2481, 0.2460, 0.2400
Android (android.graphics.Color)	4286484942 (0xFF7E91CE)
YUV	146.2730, 29.4454, -17.7794
Hunter-Lab	54.0815, 4.2940, -30.7982

Details

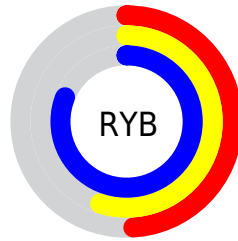
The CIELCh color **61, 34.612, 284.120** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76, 33.408, 93.340**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.137, 281.936**, and **41, 34.261, 283.981** is the 20% darker color. If you saturate the color by 10%, you get **55, 44.183, 286.353**, and if you desaturate by 10%, it is **67, 25.331, 282.200**.

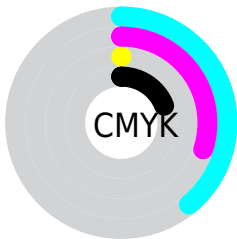
Distribution



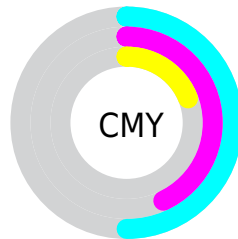
- Red (49%)
- Green (57%)
- Blue (81%)



- Red (49%)
- Yellow (55%)
- Blue (81%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)





- Cyan (50%)
- Magenta (43%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.612, 284.120 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, 34.612, 284.120 by changing the saturation by 10% instead.


 61, 34.612,
284.120


 61, 34.612,
284.120


 100, 34.612,
284.120


 51, 34.612,
284.120


 81, 34.612,
284.120

 41, 34.612,
284.120

 91, 34.612,
284.120

 31, 34.612,
284.120

 21, 34.612,
284.120

 11, 34.612,
284.120

 1, 34.612, 284.120

 0, 34.612, 284.120

61, 34.612,
284.120

61, 34.612,
284.120

55, 44.183,
286.353

67, 25.331,
282.200

50, 54.075,
288.918

72, 16.314,
280.558

45, 64.292,
291.796

78, 7.538, 279.162

40, 74.758,
294.904

84, 1.014, 97.747

89, 9.354, 96.864

35, 85.200,
298.071

95, 17.491, 95.967

31, 95.053,
301.013

99, 24.603,
108.312

31, 96.176,
301.324

Harmonies

Complementary

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



61, 34.612, 284.120



76, 33.408, 93.340

Rectangle

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



61, 34.612, 284.120



61, 34.612, 334.120



61, 34.612, 104.120



61, 34.612, 154.120

Sweetspot

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



61, 34.611, 284.120



92, 12.273, 279.604



77, 29.227, 175.637



48, 8.154, 279.786



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, 34.611, 284.120



69, 50.465, 286.065



58, 46.132, 302.989



40, 4.824, 279.239



24, 80.563, 300.868



3, 19.722, 285.736

Inverse Universe

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



62, 33.511, 5.182



70, 48.639, 6.839



80, 42.323, 117.487



40, 4.581, 1.270



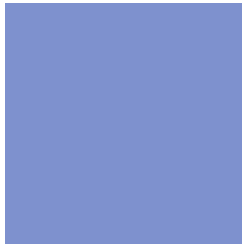
34, 65.497, 26.015



4, 18.325, 7.885

Previews

White Background



This preview shows how the CIE LCh color 61, 34.612, 284.120 looks on a white background.

Color Contrast Check

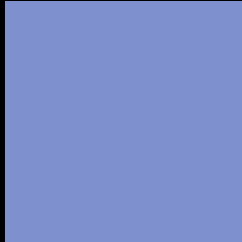
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.612, 284.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

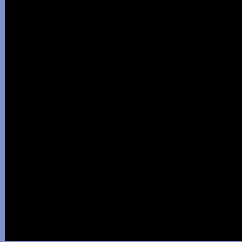
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.612, 284.120

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.612, 284.120.



This preview shows how white text looks on a background with the CIELCh color 61, 34.612, 284.120.

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, 34.612, 284.120

Protanopia

61, 34.536, 285.086

Deuteranopia

61, 34.612, 284.120



Tritanopia
61, 14.275, 226.844

Trichromacy



Original Color
61, 34.612, 284.120

Protanomaly
61, 34.573, 284.601

Deuteranomaly
61, 34.612, 284.120

Tritanomaly
61, 19.272, 260.740

Monochromacy



Original Color
61, 34.612, 284.120

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.145, 280.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.612, 284.120 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(126, 145, 206)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 206)  
}
```

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(126, 145, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.612, 284.120 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(126, 145, 206) }
```

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

```
.border{ border-color:rgb(126, 145, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 206);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.612, 284.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 206) }
```

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

```
.background{ background-color: rgb(126,  
145, 206) }
```

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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