

Converting Colors

CIELCh(61, 35.470, 293.697)

Have a look what the booklet for
CIELCh(61, 35.470, 293.697)
contains.

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Color

CIELCh(61, 34.926, 293.400)

Conversions

Conversions Part 1

Format	Color
Hex	8D8ECC
RGB	141, 142, 204
RGB Percent	55%, 56%, 80%
CMY	0.4482, 0.4442, 0.2011
CMYK	0.31, 0.30, 0.00, 0.20
HSL	239°, 38%, 68%
HSV	239°, 31%, 80%
XYZ	31.4326, 29.2481, 60.9309
YIQ	148.7690, -20.4980, 19.0700

Conversions

Conversions Part 2

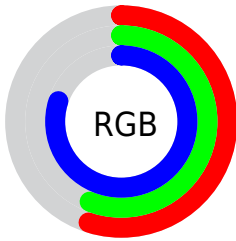
Format	Color
R_{YB}	141, 142, 204
Decimal	9277132
CIE _{Lab}	61.00, 13.87, -32.05
CIE _{LCh}	61, 34.926, 293.400
Yxy	29.2481, 0.2585, 0.2405
Android (android.graphics.Color)	4287467212 (0xFF8D8ECC)
YUV	148.7690, 27.2289, -6.8134
Hunter-Lab	54.0815, 9.1028, -28.9419

Details

The CIELCh color $61, 34.926, 293.400$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 32.468, 106.513$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 31.404, 292.895$, and $41, 35.150, 293.617$ is the 20% darker color. If you saturate the color by 10%, you get $54, 47.211, 295.113$, and if you desaturate by 10%, it is $68, 23.144, 291.933$.

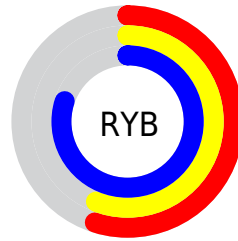
Distribution



Red (55%)

Green (56%)

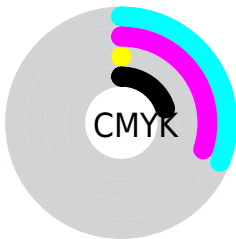
Blue (80%)



Red (55%)

Yellow (56%)

Blue (80%)

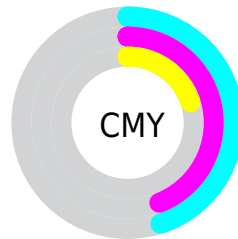


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (20%)



Cyan (45%)

Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 34.926, 293.400 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, 34.926, 293.400 by changing the saturation by 10% instead.

■ 61, 34.926,
293.400

■ 61, 34.926,
293.400

■ 100, 34.926,
293.400

■ 51, 34.926,
293.400

■ 81, 34.926,
293.400

■ 41, 34.926,
293.400

■ 91, 34.926,
293.400

■ 31, 34.926,
293.400

■ 21, 34.926,
293.400

■ 11, 34.926,
293.400

■ 1, 34.926, 293.400

■ 0, 34.926, 293.400

61, 34.926,
293.400

61, 34.926,
293.400

54, 47.211,
295.113

68, 23.144,
291.933

48, 59.987,
297.078

75, 11.843,
290.689

41, 73.115,
299.256

81, 0.988, 289.697

35, 86.160,
301.524

88, 9.457, 108.718

30, 98.126,
303.639

95, 19.521,
107.956

27, 107.343,
305.266

99, 25.882,
108.213

25, 112.279,
306.116

Harmonies

Complementary

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



61, 34.926, 293.400



80, 32.468, 106.513

Rectangle

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



61, 34.926, 293.400



61, 34.926, 343.400



61, 34.926, 113.400



61, 34.926, 163.400

Sweetspot

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



61, 34.925, 293.400



93, 11.672, 290.486



78, 21.003, 196.331



48, 8.133, 290.652



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, 34.925, 293.400



70, 50.850, 294.496



63, 36.869, 310.023



39, 6.141, 290.517



19, 96.153, 306.067



1, 23.268, 292.062

Inverse Universe

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



65, 25.781, 20.798



76, 37.864, 21.716



78, 35.249, 127.034



40, 4.368, 18.627



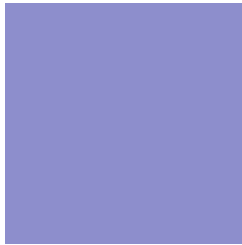
34, 74.895, 39.175



4, 17.915, 18.614

Previews

White Background



This preview shows how the CIELCh color 61, 34.926, 293.400 looks on a white background.

Color Contrast Check

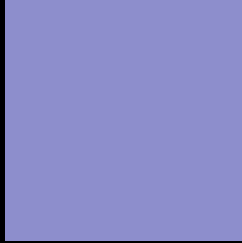
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 34.926, 293.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

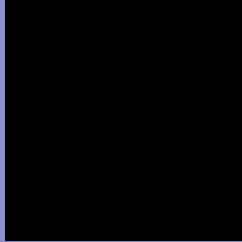
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.926, 293.400

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.926, 293.400.



This preview shows how white text looks on a background with the CIELCh color 61, 34.926, 293.400.

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

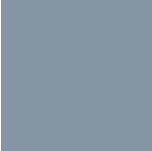
61, 34.926, 293.400

Protanopia

61, 34.536, 285.086

Deuteranopia

61, 32.853, 284.899



Tritanopia
61, 9.244, 246.142

Trichromacy



Original Color
61, 34.926, 293.400

Protanomaly
61, 34.399, 288.096

Deuteranomaly
61, 33.292, 287.752

Tritanomaly
61, 17.279, 278.086

Monochromacy



Original Color
61, 34.926, 293.400

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 12.391, 289.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.926, 293.400 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(141, 142, 204)` looks like.

```
.text, #text, p{  
    color:rgb(141, 142, 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(141, 142, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 142, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.926, 293.400 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(141, 142, 204) }
```

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

```
.border{ border-color:rgb(141, 142, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 142, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 142, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 142, 204);  
box-shadow:4px 4px 4px 4px rgb(141, 142,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.926, 293.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 142, 204) }
```

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

```
.background{ background-color: rgb(141,  
142, 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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