

Converting Colors

CIELCh(61, 46.116, 292.120)

Have a look what the booklet for
CIELCh(61, 46.116, 292.120)
contains.

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Color

CIELCh(61, 46.116, 292.120)

Conversions

Conversions Part 1

Format	Color
Hex	858DDF
RGB	133, 141, 223
RGB Percent	52%, 55%, 87%
CMY	0.4795, 0.4481, 0.1266
CMYK	0.40, 0.37, 0.00, 0.13
HSL	235°, 58%, 70%
HSV	235°, 40%, 87%
XYZ	32.3952, 29.2481, 73.5454
YIQ	147.9560, -31.0900, 23.8060

Conversions

Conversions Part 2

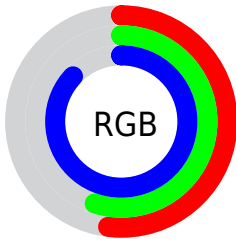
Format	Color
R _Y B	133, 140, 223
Decimal	8752607
CIE Lab	61.00, 17.36, -42.72
CIE LCh	61, 46.116, 292.120
Yxy	29.2481, 0.2396, 0.2164
Android (android.graphics.Color)	4286942687 (0xFF858DDF)
YUV	147.9560, 36.9967, -13.1164
Hunter-Lab	54.0815, 12.2799, -42.7713

Details

The CIELCh color **61, 46.116, 292.120** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **85, 42.328, 102.056**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 32.535, 290.223**, and **41, 45.985, 292.078** is the 20% darker color. If you saturate the color by 10%, you get **54, 58.698, 294.193**, and if you desaturate by 10%, it is **68, 34.021, 290.326**.

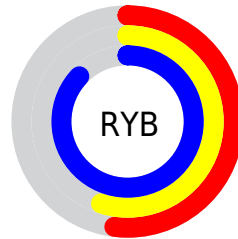
Distribution



Red (52%)

Green (55%)

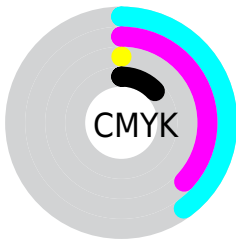
Blue (87%)



Red (52%)

Yellow (55%)

Blue (87%)

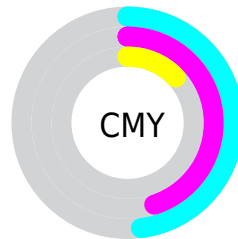


Cyan (40%)

Magenta (37%)

Yellow (0%)

Black (13%)



Cyan (48%)


Magenta (45%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 46.116, 292.120 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, 46.116, 292.120 by changing the saturation by 10% instead.


 61, 46.116,
292.120


 61, 46.116,
292.120


 100, 46.116,
292.120


 51, 46.116,
292.120


 81, 46.116,
292.120


 41, 46.116,
292.120

 91, 46.116,
292.120

 31, 46.116,
292.120

 21, 46.116,
292.120

 11, 46.116,
292.120

 1, 46.116, 292.120

 0, 46.116, 292.120

■ 61, 46.116,
292.120

■ 61, 46.116,
292.120

■ 54, 58.698,
294.193

■ 68, 34.021,
290.326

■ 48, 71.721,
296.530

■ 75, 22.400,
288.794

■ 42, 84.955,
299.049

■ 82, 11.218,
287.492

■ 36, 97.778,
301.565

■ 88, 0.439, 286.620

■ 32, 108.962,
303.789

■ 95, 9.967, 105.409

■ 29, 116.649,
305.318

■ 99, 16.333,
108.943

Harmonies

Complementary

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



61, 46.116, 292.120



85, 42.328, 102.056

Rectangle

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



61, 46.116, 292.120



61, 46.116, 342.120



61, 46.116, 112.120



61, 46.116, 162.120

Sweetspot

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



61, 46.115, 292.120



91, 14.482, 287.696



83, 29.323, 187.979



47, 9.628, 287.860



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, 46.115, 292.120



63, 62.130, 293.747



62, 51.869, 307.907



43, 6.149, 287.379



22, 97.030, 305.091



3, 29.681, 293.961

Inverse Universe

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



65, 36.973, 16.735



69, 49.919, 18.299



84, 48.232, 123.455



44, 4.752, 12.743



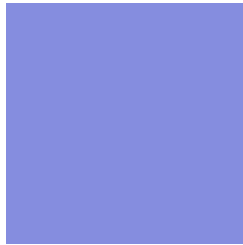
36, 75.418, 36.231



6, 25.362, 17.187

Previews

White Background



This preview shows how the CIELCh color 61, 46.116, 292.120 looks on a white background.

Color Contrast Check

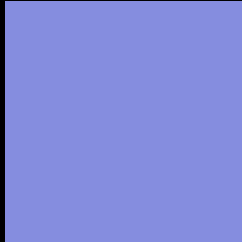
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.116, 292.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

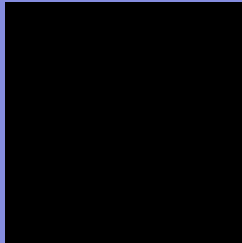
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 46.116, 292.120

Background



This preview shows how black text looks on a background with the CIELCh color 61, 46.116, 292.120.



This preview shows how white text looks on a background with the CIELCh color 61, 46.116, 292.120.

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, 46.116, 292.120

Protanopia

61, 46.351, 285.976

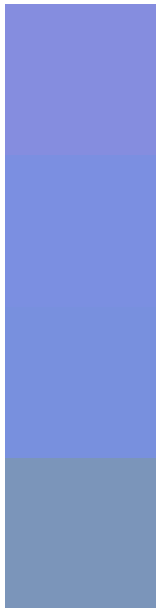
Deuteranopia

61, 42.786, 281.701



Tritanopia
61, 13.720, 228.143

Trichromacy



Original Color
61, 46.116, 292.120

Protanomaly
61, 46.231, 287.952

Deuteranomaly
61, 44.111, 285.856

Tritanomaly
61, 22.189, 269.759

Monochromacy



Original Color
61, 46.116, 292.120

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 16.922, 288.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 46.116, 292.120 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(133, 141, 223)` looks like.

```
.text, #text, p{  
    color:rgb(133, 141, 223)  
}
```

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(133, 141, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 141, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 46.116, 292.120 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(133, 141, 223) }
```

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

```
.border{ border-color:rgb(133, 141, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 141, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 141, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 141, 223);  
box-shadow:4px 4px 4px 4px rgb(133, 141,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 46.116, 292.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 141, 223) }
```

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

```
.background{ background-color: rgb(133,  
141, 223) }
```

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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