

Converting Colors

CIELCh(61, 42.915, 294.283)

Have a look what the booklet for
CIELCh(61, 42.915, 294.283)
contains.

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Color

CIELCh(61, 42.807, 294.315)

Conversions

Conversions Part 1

Format	Color
Hex	8B8CD8
RGB	139, 140, 216
RGB Percent	55%, 55%, 85%
CMY	0.4545, 0.4506, 0.1525
CMYK	0.36, 0.35, 0.00, 0.15
HSL	239°, 50%, 70%
HSV	239°, 36%, 85%
XYZ	32.4679, 29.2481, 68.9764
YIQ	148.3650, -24.9920, 23.4240

Conversions

Conversions Part 2

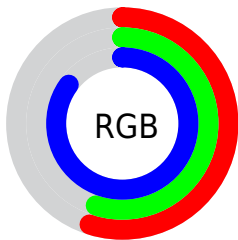
Format	Color
RYB	139, 140, 216
Decimal	9145560
CIELab	61.00, 17.63, -39.01
CIELCh	61, 42.807, 294.315
Yxy	29.2481, 0.2484, 0.2238
Android (android.graphics.Color)	4287335640 (0xFF8B8CD8)
YUV	148.3650, 33.3441, -8.2131
Hunter-Lab	54.0815, 12.5198, -37.7622

Details

The CIELCh color **61, 42.807, 294.315** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **85, 39.217, 106.183**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 33.098, 294.165**, and **41, 43.004, 294.246** is the 20% darker color. If you saturate the color by 10%, you get **54, 56.001, 296.155**, and if you desaturate by 10%, it is **68, 30.146, 292.729**.

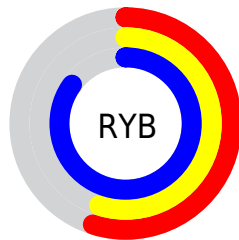
Distribution



Red (55%)

Green (55%)

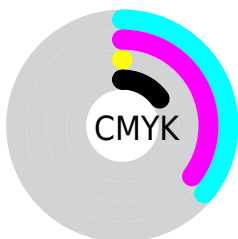
Blue (85%)



Red (55%)

Yellow (55%)

Blue (85%)

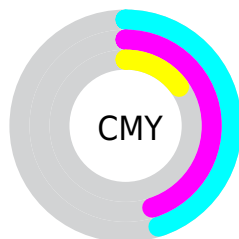


Cyan (36%)

Magenta (35%)

Yellow (0%)

Black (15%)



Cyan (45%)

Magenta (45%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 42.807, 294.315 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, 42.807, 294.315 by changing the saturation by 10% instead.

■ 61, 42.807,
294.315

■ 61, 42.807,
294.315

■ 100, 42.807,
294.315

■ 51, 42.807,
294.315

■ 81, 42.807,
294.315

■ 41, 42.807,
294.315

■ 91, 42.807,
294.315

■ 31, 42.807,
294.315

■ 21, 42.807,
294.315

■ 11, 42.807,
294.315

■ 1, 42.807, 294.315

■ 0, 42.807, 294.315

61, 42.807,
294.315

61, 42.807,
294.315

54, 56.001,
296.155

68, 30.146,
292.729

47, 69.663,
298.236

75, 18.011,
291.379

41, 83.517,
300.481

82, 6.366, 290.241

35, 96.828,
302.704

89, 4.827, 109.242

96, 15.603,
108.427

30, 108.146,
304.603

99, 19.656,
108.690

28, 115.541,
305.840

27, 117.553,
306.159

Harmonies

Complementary

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



61, 42.807, 294.315



85, 39.217, 106.183

Rectangle

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



61, 42.807, 294.315



61, 42.807, 344.315



61, 42.807, 114.315



61, 42.807, 164.315

Sweetspot

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



61, 42.806, 294.315



91, 14.367, 290.839



82, 24.902, 196.092



47, 9.679, 290.998



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, 42.806, 294.315



65, 60.071, 295.723



64, 44.815, 310.294



41, 6.414, 290.648



20, 98.506, 306.116



2, 27.328, 293.761

Inverse Universe

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



66, 31.718, 21.694



72, 44.898, 22.947



82, 42.510, 126.799



42, 4.548, 18.885



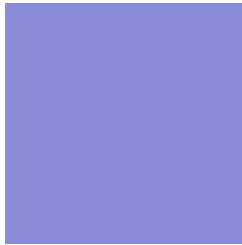
35, 76.799, 39.375



5, 21.989, 19.192

Previews

White Background



This preview shows how the CIELCh color 61, 42.807, 294.315 looks on a white background.

Color Contrast Check

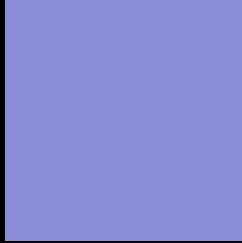
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.807, 294.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

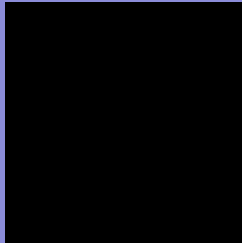
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 42.807, 294.315

Background



This preview shows how black text looks on a background with the CIELCh color 61, 42.807, 294.315.



This preview shows how white text looks on a background with the CIELCh color 61, 42.807, 294.315.

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, 42.807, 294.315

Protanopia

61, 42.429, 285.204

Deuteranopia

61, 39.251, 282.642



Tritanopia
61, 10.743, 237.959

Trichromacy



Original Color
61, 42.807, 294.315

Protanomaly
61, 42.817, 288.771

Deuteranomaly
61, 40.098, 286.731

Tritanomaly
61, 20.269, 276.823

Monochromacy



Original Color
61, 42.807, 294.315

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 15.783, 291.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 42.807, 294.315 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(139, 140, 216)` looks like.

```
.text, #text, p{  
    color:rgb(139, 140, 216)  
}
```

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(139, 140, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 140, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 42.807, 294.315 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(139, 140, 216) }
```

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

```
.border{ border-color:rgb(139, 140, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 140, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 140, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 140, 216);  
box-shadow:4px 4px 4px 4px rgb(139, 140,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 42.807, 294.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 140, 216) }
```

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

```
.background{ background-color: rgb(139,  
140, 216) }
```

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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