

Converting Colors

CIELCh(61, 27.587, 292.608)

Have a look what the booklet for
CIELCh(61, 27.587, 292.608)
contains.

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Color

CIELCh(61, 27.623, 292.486)

Conversions

Conversions Part 1

Format	Color
Hex	8E8FC0
RGB	142, 143, 192
RGB Percent	56%, 56%, 75%
CMY	0.4427, 0.4388, 0.2466
CMYK	0.26, 0.26, 0.00, 0.25
HSL	239°, 28%, 66%
HSV	239°, 26%, 75%
XYZ	30.5395, 29.2481, 53.9710
YIQ	148.2870, -16.3250, 15.0270

Conversions

Conversions Part 2

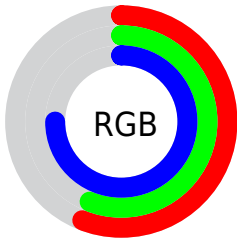
Format	Color
RYB	142, 143, 192
Decimal	9342912
CIELab	61.00, 10.56, -25.52
CIElCh	61, 27.623, 292.486
Yxy	29.2481, 0.2685, 0.2571
Android (android.graphics.Color)	4287532992 (0xFF8E8FC0)
YUV	148.2870, 21.5505, -5.5137
Hunter-Lab	54.0815, 6.1552, -21.3118

Details

The CIELCh color $61, 27.623, 292.486$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 26.040, 106.831$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 27.669, 292.579$, and $41, 27.325, 292.006$ is the 20% darker color. If you saturate the color by 10%, you get $55, 39.042, 294.070$, and if you desaturate by 10%, it is $67, 16.669, 291.135$.

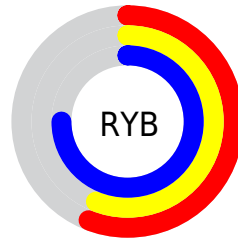
Distribution



Red (56%)

Green (56%)

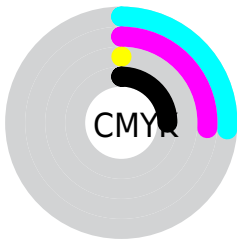
Blue (75%)



Red (56%)

Yellow (56%)

Blue (75%)

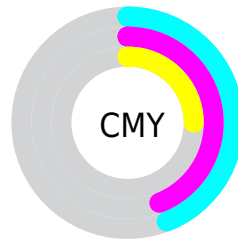


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (44%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 27.623, 292.486 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, 27.623, 292.486 by changing the saturation by 10% instead.

■ 61, 27.623,
292.486

■ 61, 27.623,
292.486

■ 100, 27.623,
292.486

■ 51, 27.623,
292.486

■ 81, 27.623,
292.486

■ 41, 27.623,
292.486

■ 91, 27.623,
292.486

■ 31, 27.623,
292.486

■ 21, 27.623,
292.486

■ 11, 27.623,
292.486

■ 1, 27.623, 292.486

■ 0, 27.623, 292.486

61, 27.623,
292.486

61, 27.623,
292.486

55, 39.042,
294.070

67, 16.669,
291.135

48, 50.941,
295.906

74, 6.152, 289.994

80, 3.962, 108.989

42, 63.263,
297.984

87, 13.703,
108.171

36, 75.778,
300.230

93, 23.099,
107.462

31, 87.867,
302.470

99, 31.660,
107.769

27, 98.290,
304.415

24, 105.349,
305.731

23, 107.244,

Harmonies

Complementary

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



61, 27.623, 292.486



76, 26.040, 106.831

Rectangle

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



61, 27.623, 292.486



61, 27.623, 342.486



61, 27.623, 112.486



61, 27.623, 162.486

Sweetspot

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



61, 27.622, 292.485



92, 10.146, 290.217



74, 17.236, 195.077



48, 7.229, 290.383



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 27.622, 292.485



74, 41.196, 293.321



63, 29.331, 309.189



37, 5.862, 290.353



18, 93.745, 306.002



1, 19.200, 290.609

Inverse Universe

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



64, 20.313, 19.892



78, 30.542, 20.558



75, 28.224, 126.675



38, 4.186, 18.304



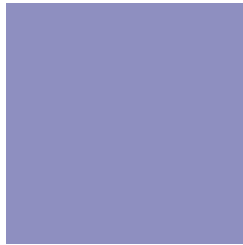
33, 72.938, 38.919



3, 14.005, 18.313

Previews

White Background



This preview shows how the CIELCh color 61, 27.623, 292.486 looks on a white background.

Color Contrast Check

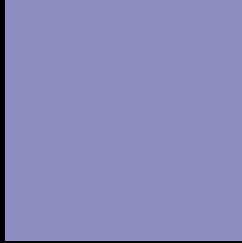
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.623, 292.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

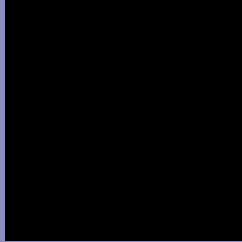
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 27.623, 292.486

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.623, 292.486.



This preview shows how white text looks on a background with the CIELCh color 61, 27.623, 292.486.

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, 27.623, 292.486

Protanopia

61, 27.718, 285.710

Deuteranopia

61, 26.522, 287.311



Tritanopia
61, 8.155, 255.307

Trichromacy



Original Color
61, 27.623, 292.486

Protanomaly
61, 27.646, 288.385

Deuteranomaly
61, 27.055, 289.593

Tritanomaly
61, 14.352, 278.886

Monochromacy



Original Color
61, 27.623, 292.486

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.141, 291.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.623, 292.486 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(142, 143, 192)` looks like.

```
.text, #text, p{  
    color:rgb(142, 143, 192)  
}
```

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(142, 143, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 143, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.623, 292.486 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(142, 143, 192) }
```

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

```
.border{ border-color:rgb(142, 143, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 143, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 143, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 143, 192);  
box-shadow:4px 4px 4px 4px rgb(142, 143,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.623, 292.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 143, 192) }
```

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

```
.background{ background-color: rgb(142,  
143, 192) }
```

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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