

Converting Colors

CIELCh(61, 17.077, 273.517)

Have a look what the booklet for
CIELCh(61, 17.077, 273.517)
contains.

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Color

CIELCh(61, 17.063, 273.079)

Conversions

Conversions Part 1

Format	Color
Hex	8494B1
RGB	132, 148, 177
RGB Percent	52%, 58%, 69%
CMY	0.4824, 0.4197, 0.3060
CMYK	0.25, 0.16, 0.00, 0.31
HSL	219°, 22%, 61%
HSV	219°, 25%, 69%
XYZ	28.0304, 29.2481, 45.7488
YIQ	146.5220, -18.8450, 5.6270

Conversions

Conversions Part 2

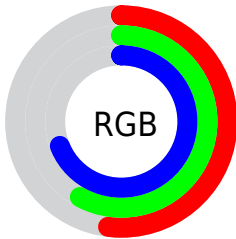
Format	Color
RYB	132, 144, 177
Decimal	8688817
CIELab	61.00, 0.92, -17.04
CIELCh	61, 17.063, 273.079
Yxy	29.2481, 0.2721, 0.2839
Android (android.graphics.Color)	4286878897 (0xFF8494B1)
YUV	146.5220, 15.0257, -12.7358
Hunter-Lab	54.0815, -2.1263, -12.2976

Details

The CIELCh color $61, 17.063, 273.079$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $67, 17.280, 86.064$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 17.173, 273.466$, and $41, 17.136, 273.271$ is the 20% darker color. If you saturate the color by 10%, you get $57, 23.923, 275.008$, and if you desaturate by 10%, it is $65, 10.288, 271.430$.

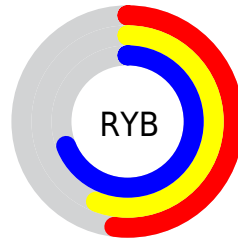
Distribution



Red (52%)

Green (58%)

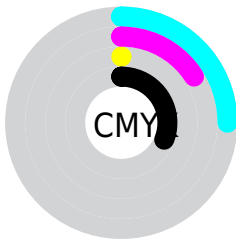
Blue (69%)



Red (52%)

Yellow (56%)

Blue (69%)

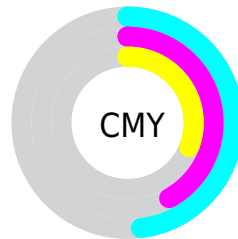


Cyan (25%)

Magenta (16%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 17.063, 273.079 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, 17.063, 273.079 by changing the saturation by 10% instead.

■ 61, 17.063,
273.079

■ 61, 17.063,
273.079

■ 100, 17.063,
273.079

■ 51, 17.063,
273.079

■ 81, 17.063,
273.079

■ 41, 17.063,
273.079

■ 91, 17.063,
273.079

■ 31, 17.063,
273.079

■ 21, 17.063,
273.079

■ 11, 17.063,
273.079

■ 1, 17.063, 273.079

■ 0, 17.063, 273.079

61, 17.063,
273.079

61, 17.063,
273.079

57, 23.923,
275.008

65, 10.288,
271.430

52, 30.882,
277.267

70, 3.601, 270.053

48, 37.958,
279.889

74, 3.000, 88.687

79, 9.510, 87.682

44, 45.182,
282.893

83, 15.926, 86.769

40, 52.590,
286.254

87, 22.246, 85.964

92, 28.330, 85.881

36, 60.194,
289.883

94, 32.299, 96.637

33, 67.936,
293.607

97, 37.124,
104.683

31, 71.495,

Harmonies

Complementary

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



61, 17.063, 273.079



67, 17.280, 86.064

Rectangle

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



61, 17.063, 273.079



61, 17.063, 323.079



61, 17.063, 93.079



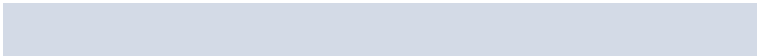
61, 17.063, 143.079

Sweetspot

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



61, 17.062, 273.076



87, 6.564, 270.395



69, 18.874, 169.099



45, 4.664, 270.593



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 17.062, 273.076



74, 25.796, 274.219



57, 25.845, 297.705



35, 3.790, 270.554



27, 63.439, 294.739



2, 9.947, 275.544

Inverse Universe

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



60, 19.870, 354.809



73, 30.126, 355.593



71, 24.401, 113.477



35, 4.347, 353.024



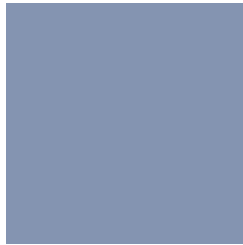
32, 58.397, 15.056



2, 9.905, 357.741

Previews

White Background



This preview shows how the CIELCh color 61, 17.063, 273.079 looks on a white background.

Color Contrast Check

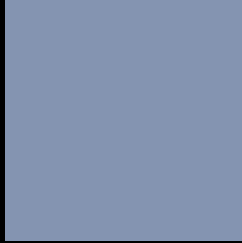
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.063, 273.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

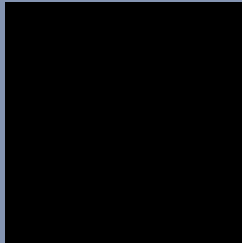
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

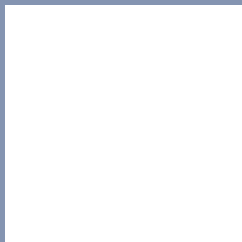
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 17.063, 273.079

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.063, 273.079.



This preview shows how white text looks on a background with the CIELCh color 61, 17.063, 273.079.

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

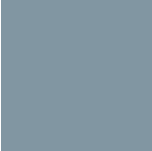
61, 17.063, 273.079

Protanopia

61, 16.387, 285.794

Deuteranopia

61, 19.202, 294.386



Tritanopia
61, 9.979, 241.730

Trichromacy



Original Color
61, 17.063, 273.079

Protanomaly
61, 16.541, 280.987

Deuteranomaly
61, 18.621, 287.919

Tritanomaly
61, 11.996, 257.095

Monochromacy



Original Color
61, 17.063, 273.079

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.020, 269.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.063, 273.079 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(132, 148, 177)` looks like.

```
.text, #text, p{  
    color:rgb(132, 148, 177)  
}
```

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(132, 148, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 148, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.063, 273.079 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(132, 148, 177) }
```

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

```
.border{ border-color:rgb(132, 148, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 148, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 148, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 148, 177);  
box-shadow:4px 4px 4px 4px rgb(132, 148,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.063, 273.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 148, 177) }
```

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

```
.background{ background-color: rgb(132,  
148, 177) }
```

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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