

Converting Colors

CIELCh(61, 18.000, 269.745)

Have a look what the booklet for
CIELCh(61, 18.000, 269.745)
contains.

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Color

CIELCh(61, 17.980, 269.718)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8195B3 |
| RGB | 129, 149, 179 |
| RGB Percent | 51%, 58%, 70% |
| CMY | 0.4956, 0.4172, 0.2996 |
| CMYK | 0.28, 0.17, 0.00, 0.30 |
| HSL | 216°, 25%, 60% |
| HSV | 216°, 28%, 70% |
| XYZ | 27.7772, 29.2481, 46.6167 |
| YIQ | 146.4400, -21.5500, 5.0900 |

Conversions

Conversions Part 2

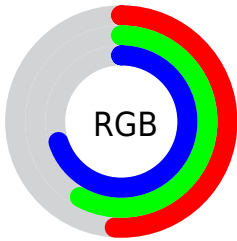
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 129, 143, 179 |
| Decimal | 8492467 |
| CIELab | 61.00, -0.09, -17.98 |
| CIELCh | 61, 17.980, 269.718 |
| Yxy | 29.2481, 0.2680, 0.2822 |
| Android (android.graphics.Color) | 4286682547 (0xFF8195B3) |
| YUV | 146.4400, 16.0521, -15.2949 |
| Hunter-Lab | 54.0815, -2.9619, -13.2492 |

Details

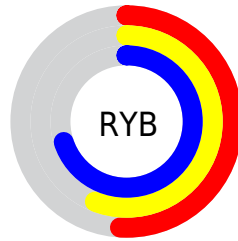
The CIELCh color $61, 17.980, 269.718$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $66, 18.549, 81.795$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.053, 270.109$, and $41, 18.077, 270.035$ is the 20% darker color. If you saturate the color by 10%, you get $57, 24.471, 271.770$, and if you desaturate by 10%, it is $65, 11.522, 267.969$.

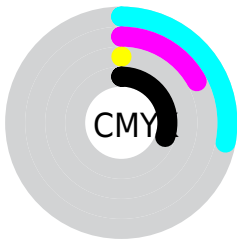
Distribution



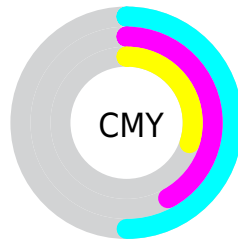
- Red (51%)
- Green (58%)
- Blue (70%)



- Red (51%)
- Yellow (56%)
- Blue (70%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)
- Black (30%)



- Cyan (50%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 17.980, 269.718 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, 17.980, 269.718 by changing the saturation by 10% instead.

■ 61, 17.980,
269.718

■ 61, 17.980,
269.718

■ 100, 17.980,
269.718

■ 51, 17.980,
269.718

■ 81, 17.980,
269.718

■ 41, 17.980,
269.718

■ 91, 17.980,
269.718

■ 31, 17.980,
269.718

■ 21, 17.980,
269.718

■ 11, 17.980,
269.718

■ 1, 17.980, 269.718

■ 0, 17.980, 269.718

61, 17.980,
269.718

61, 17.980,
269.718

57, 24.471,
271.770

65, 11.522,
267.969

53, 31.002,
274.179

69, 5.102, 266.499

49, 37.591,
276.980

74, 1.272, 84.951

78, 7.593, 84.017

45, 44.271,
280.189

82, 13.853, 83.069

41, 51.089,
283.779

86, 20.044, 82.233

90, 26.160, 81.495

37, 58.082,
287.649

93, 29.672, 92.069

34, 65.243,
291.574

96, 33.877,
100.971

34, 66.706,

Harmonies

Complementary

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



61, 17.980, 269.718



66, 18.549, 81.795

Rectangle

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



61, 17.980, 269.718



61, 17.980, 319.718



61, 17.980, 89.718



61, 17.980, 139.718

Sweetspot

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



61, 17.979, 269.716



88, 6.324, 266.519



69, 21.663, 165.754



46, 4.532, 266.721



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 17.979, 269.716



74, 27.072, 271.033



56, 28.749, 296.301



36, 3.618, 266.678



29, 58.747, 291.791



3, 9.588, 273.025

Inverse Universe

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



59, 22.593, 352.214



72, 34.113, 353.057



71, 26.924, 111.132



35, 4.462, 350.187



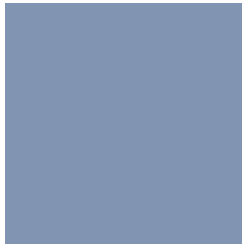
32, 57.839, 10.816



2, 10.088, 355.336

Previews

White Background



This preview shows how the CIELCh color 61, 17.980, 269.718 looks on a white background.

Color Contrast Check

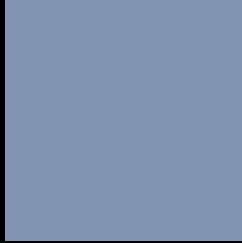
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.980, 269.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

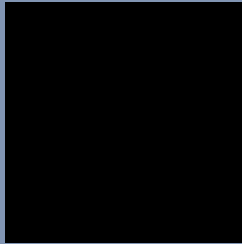
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

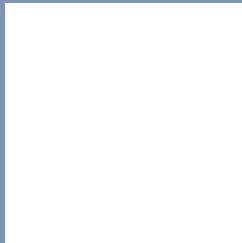
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 17.980, 269.718

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.980, 269.718.



This preview shows how white text looks on a background with the CIELCh color 61, 17.980, 269.718.

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, 17.980, 269.718

Protanopia

61, 17.534, 285.215

Deuteranopia

61, 20.311, 293.389



Tritanopia
61, 11.273, 235.764

Trichromacy



Original Color
61, 17.980, 269.718

Protanomaly
61, 17.755, 279.690

Deuteranomaly
61, 18.681, 284.739

Tritanomaly
61, 13.369, 252.425

Monochromacy



Original Color
61, 17.980, 269.718

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.669, 267.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.980, 269.718 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(129, 149, 179)` looks like.

```
.text, #text, p{  
    color:rgb(129, 149, 179)  
}
```

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(129, 149, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 149, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.980, 269.718 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(129, 149, 179) }
```

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

```
.border{ border-color:rgb(129, 149, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 149, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 149, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 149, 179);  
box-shadow:4px 4px 4px 4px rgb(129, 149,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.980, 269.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 149, 179) }
```

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

```
.background{ background-color: rgb(129,  
149, 179) }
```

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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