

Converting Colors

CIELCh(61, 17.291, 259.276)

Have a look what the booklet for
CIELCh(61, 17.291, 259.276)
contains.

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Color

CIELCh(61, 17.435, 260.158)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7B96B1 |
| RGB | 123, 150, 177 |
| RGB Percent | 48%, 59%, 69% |
| CMY | 0.5172, 0.4113, 0.3054 |
| CMYK | 0.30, 0.15, 0.00, 0.31 |
| HSL | 210°, 26%, 59% |
| HSV | 210°, 30%, 69% |
| XYZ | 27.0573, 29.2481, 45.8772 |
| YIQ | 145.0050, -24.7590, 2.6730 |

Conversions

Conversions Part 2

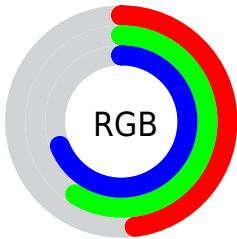
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 123, 141, 177 |
| Decimal | 8099505 |
| CIE _{Lab} | 61.00, -2.98, -17.18 |
| CIE _{LCh} | 61, 17.435, 260.158 |
| Yxy | 29.2481, 0.2648, 0.2862 |
| Android (android.graphics.Color) | 4286289585 (0xFF7B96B1) |
| YUV | 145.0050, 15.7735, -19.2984 |
| Hunter-Lab | 54.0815, -5.3381, -12.4384 |

Details

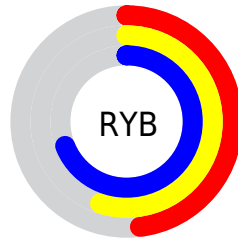
The CIELCh color $61, 17.435, 260.158$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $64, 18.948, 71.675$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 17.542, 260.967$, and $41, 17.409, 260.169$ is the 20% darker color. If you saturate the color by 10%, you get $57, 22.978, 262.317$, and if you desaturate by 10%, it is $65, 11.792, 258.341$.

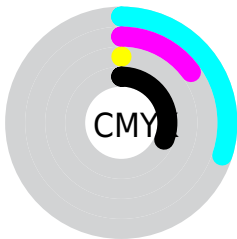
Distribution



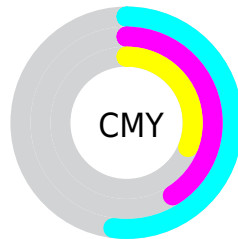
- Red (48%)
- Green (59%)
- Blue (69%)



- Red (48%)
- Yellow (55%)
- Blue (69%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)





- Cyan (52%)
- Magenta (41%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 17.435, 260.158 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, 17.435, 260.158 by changing the saturation by 10% instead.


 61, 17.435,
260.158


 61, 17.435,
260.158


 100, 17.435,
260.158


 51, 17.435,
260.158


 81, 17.435,
260.158

 41, 17.435,
260.158

 91, 17.435,
260.158

 31, 17.435,
260.158

 21, 17.435,
260.158

 11, 17.435,
260.158

 1, 17.435, 260.158

 0, 17.435, 260.158

61, 17.435,
260.158

61, 17.435,
260.158

57, 22.978,
262.317

65, 11.792,
258.341

54, 28.413,
264.885

68, 6.070, 256.831

72, 0.291, 256.630

50, 33.743,
267.908

76, 5.522, 74.307

47, 39.001,
271.417

80, 11.350, 73.388

44, 44.245,
275.393

83, 17.175, 72.578

87, 22.983, 71.870

41, 49.560,
279.740

90, 26.483, 77.900

38, 54.778,
283.921

92, 28.879, 87.962

Harmonies

Complementary

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



61, 17.435, 260.158



64, 18.948, 71.675

Rectangle

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



61, 17.435, 260.158



61, 17.435, 310.158



61, 17.435, 80.158



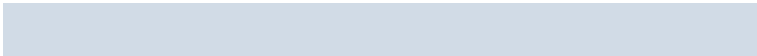
61, 17.435, 130.158

Sweetspot

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



61, 17.434, 260.155



87, 6.433, 256.653



68, 24.953, 160.852



45, 4.462, 256.843



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, 17.434, 260.155



74, 25.979, 261.660



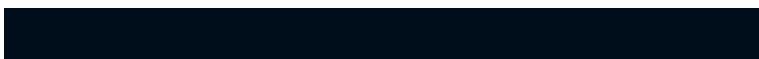
54, 31.222, 293.891



36, 3.300, 256.676



33, 48.614, 283.352



3, 8.801, 266.084

Inverse Universe

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



58, 25.896, 346.456



70, 38.808, 347.280



71, 29.017, 107.269



35, 4.756, 344.372



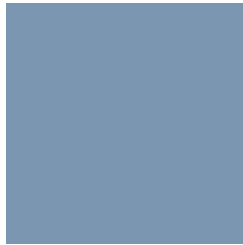
32, 57.950, 1.315



2, 10.605, 349.863

Previews

White Background



This preview shows how the CIE LCh color 61, 17.435, 260.158 looks on a white background.

Color Contrast Check

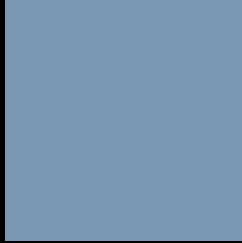
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.435, 260.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

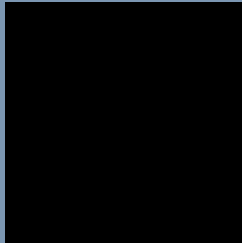
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 17.435, 260.158

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.435, 260.158.



This preview shows how white text looks on a background with the CIELCh color 61, 17.435, 260.158.

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, 17.435, 260.158

Protanopia

61, 15.830, 285.495

Deuteranopia

61, 19.187, 293.336



Tritanopia
61, 12.899, 230.339

Trichromacy



Original Color
61, 17.435, 260.158

Protanomaly
61, 16.280, 275.754

Deuteranomaly
61, 18.213, 282.285

Tritanomaly
61, 14.240, 244.419

Monochromacy



Original Color
61, 17.435, 260.158

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.673, 257.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.435, 260.158 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(123, 150, 177)` looks like.

```
.text, #text, p{  
    color:rgb(123, 150, 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(123, 150, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 150, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.435, 260.158 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(123, 150, 177) }
```

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

```
.border{ border-color:rgb(123, 150, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 150, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 150, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 150, 177);  
box-shadow:4px 4px 4px 4px rgb(123, 150,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.435, 260.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 150, 177) }
```

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

```
.background{ background-color: rgb(123,  
150, 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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