

Converting Colors

CIELCh(61, 5.907, 183.580)

Have a look what the booklet for
CIELCh(61, 5.907, 183.580) contains.

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Color

CIELCh(61, 5.810, 187.735)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 879694 |
| RGB | 135, 150, 148 |
| RGB Percent | 53%, 59%, 58% |
| CMY | 0.4693, 0.4104, 0.4183 |
| CMYK | 0.10, 0.00, 0.01, 0.41 |
| HSL | 172°, 7%, 56% |
| HSV | 172°, 10%, 59% |
| XYZ | 26.3778, 29.2481, 32.4123 |
| YIQ | 145.2870, -8.2980, -3.8020 |

Conversions

Conversions Part 2

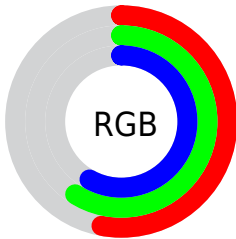
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 135, 143, 150 |
| Decimal | 8885908 |
| CIE _{Lab} | 61.00, -5.76, -0.78 |
| CIE _{LCh} | 61, 5.810, 187.735 |
| Yxy | 29.2481, 0.2996, 0.3322 |
| Android (android.graphics.Color) | 4287075988 (0xFF879694) |
| YUV | 145.2870, 1.3375, -9.0217 |
| Hunter-Lab | 54.0815, -7.5810, 2.3232 |

Details

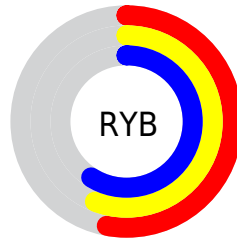
The CIELCh color $61, 5.810, 187.735$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 6.085, 9.240$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.857, 188.589$, and $41, 5.827, 186.651$ is the 20% darker color. If you saturate the color by 10%, you get $60, 11.410, 186.867$, and if you desaturate by 10%, it is $62, 0.015, 338.879$.

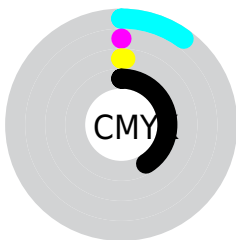
Distribution



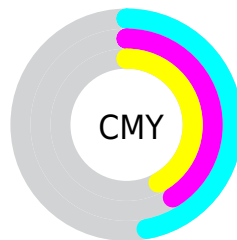
- Red (53%)
- Green (59%)
- Blue (58%)



- Red (53%)
- Yellow (56%)
- Blue (59%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.810, 187.735 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, 5.810, 187.735 by changing the saturation by 10% instead.

■ 61, 5.810, 187.735

■ 61, 5.810, 187.735

■ 100, 5.810,
187.735

■ 51, 5.810, 187.735

■ 81, 5.810, 187.735

■ 41, 5.810, 187.735

■ 91, 5.810, 187.735

■ 31, 5.810, 187.735

■ 21, 5.810, 187.735

■ 11, 5.810, 187.735

■ 1, 5.810, 187.735

■ 0, 5.810, 187.735

■ 61, 5.810, 187.735

■ 61, 5.810, 187.735

■ 60, 11.410,

■ 62, 0.015, 338.879

186.867

64, 5.986, 9.159

59, 16.695,
186.008

65, 12.044, 9.959

58, 21.575,
185.122

67, 18.134, 10.719

57, 25.955,
184.194

68, 24.214, 11.456

57, 29.751,
183.210

72, 36.234, 12.875

56, 32.900,
182.152

73, 41.897, 13.471

74, 41.898, 12.011

56, 35.368,
181.002

56, 37.166,
179.740

56, 38.489,
178.402

Harmonies

Complementary

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



61, 5.810, 187.735



58, 6.085, 9.240

Rectangle

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



61, 5.810, 187.735



61, 5.810, 237.735



61, 5.810, 7.735



61, 5.810, 57.735

Sweetspot

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



61, 5.811, 187.724



79, 2.192, 188.443



61, 9.845, 139.828



42, 1.674, 188.334



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 5.811, 187.724



77, 8.651, 187.527



60, 4.672, 238.775



31, 3.249, 187.794



51, 36.060, 178.521



2, 2.888, 188.463

Inverse Universe

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



58, 6.085, 9.240



73, 9.155, 9.469



59, 4.891, 56.860



29, 3.390, 9.160



28, 60.597, 32.696



1, 2.888, 8.447

Previews

White Background



This preview shows how the CIELCh color 61, 5.810, 187.735 looks on a white background.

Color Contrast Check

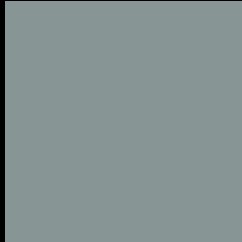
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.810, 187.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

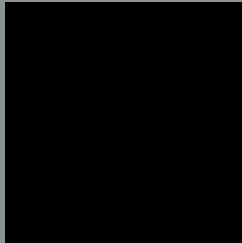
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

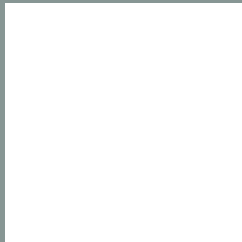
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.810, 187.735

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.810, 187.735.

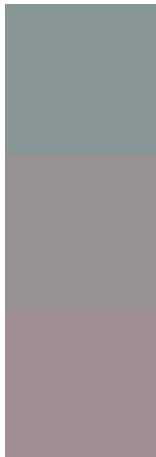


This preview shows how white text looks on a background with the CIELCh color 61, 5.810, 187.735.

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

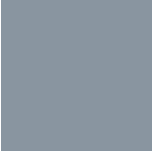
61, 5.810, 187.735

Protanopia

61, 1.557, 19.275

Deuteranopia

61, 8.354, 347.691



Tritanopia
61, 7.508, 254.941

Trichromacy



Original Color
61, 5.810, 187.735

Protanomaly
61, 1.289, 173.803

Deuteranomaly
61, 3.256, 335.848

Tritanomaly
61, 6.153, 239.062

Monochromacy



Original Color
61, 5.810, 187.735

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.377, 185.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.810, 187.735 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(135, 150, 148)` looks like.

```
.text, #text, p{  
    color:rgb(135, 150, 148)  
}
```

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(135, 150, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 150, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.810, 187.735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

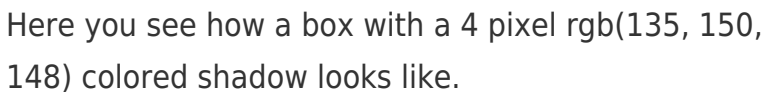
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 150, 148) }
```

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

```
.border{ border-color:rgb(135, 150, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 150, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 150, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 150, 148); box-shadow:4px 4px 4px 4px rgb(135, 150, 148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.810, 187.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 150, 148) }
```

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

```
.background{ background-color: rgb(135,  
150, 148) }
```

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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