

Converting Colors

CIELCh(61, 28.513, 181.899)

Have a look what the booklet for
CIELCh(61, 28.513, 181.899)
contains.

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Color

CIELCh(61, 28.530, 181.933)

Conversions

Conversions Part 1

Format	Color
Hex	4EA194
RGB	78, 161, 148
RGB Percent	31%, 63%, 58%
CMY	0.6941, 0.3686, 0.4196
CMYK	0.52, 0.00, 0.08, 0.37
HSL	171°, 35%, 47%
HSV	171°, 52%, 63%
XYZ	21.2325, 29.2481, 32.5438
YIQ	134.7010, -45.2950, -21.6390

Conversions

Conversions Part 2

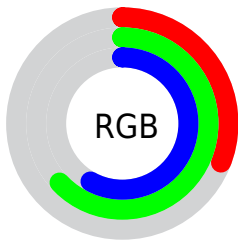
Format	Color
RYB	78, 123, 161
Decimal	5153172
CIELab	61.00, -28.51, -0.96
CIELCh	61, 28.530, 181.933
Yxy	29.2481, 0.2557, 0.3523
Android (android.graphics.Color)	4283343252 (0xFF4EA194)
YUV	134.7010, 6.5564, -49.7268
Hunter-Lab	54.0815, -24.5633, 2.1790

Details

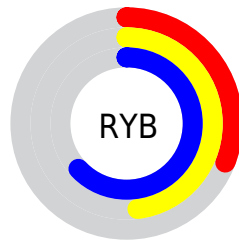
The CIELCh color **61, 28.530, 181.933** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **44, 36.709, 13.641**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 28.486, 182.155**, and **41, 28.717, 181.298** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.550, 180.843**, and if you desaturate by 10%, it is **62, 23.887, 182.945**.

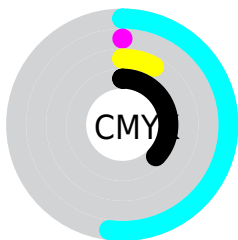
Distribution



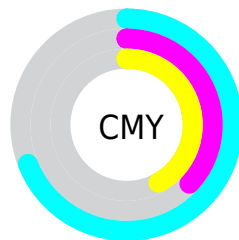
- Red (31%)
- Green (63%)
- Blue (58%)



- Red (31%)
- Yellow (48%)
- Blue (63%)



- Cyan (52%)
- Magenta (0%)
- Yellow (8%)
- Black (37%)





- Cyan (69%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 28.530, 181.933 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, 28.530, 181.933 by changing the saturation by 10% instead.


 61, 28.530,
181.933


 61, 28.530,
181.933


 100, 28.530,
181.933


 51, 28.530,
181.933


 81, 28.530,
181.933

 41, 28.530,
181.933

 91, 28.530,
181.933

 31, 28.530,
181.933

 21, 28.530,
181.933

 11, 28.530,
181.933

 1, 28.530, 181.933

 0, 28.530, 181.933

■ 61, 28.530,
181.933

■ 61, 28.530,
181.933

■ 60, 32.550,
180.843

■ 62, 23.887,
182.945

■ 60, 35.881,
179.660

■ 63, 18.710,
183.900

■ 60, 38.494,
178.361

■ 64, 13.098,
184.814

■ 59, 40.408,
176.927

■ 65, 7.154, 185.709

■ 59, 41.658,
175.654

■ 66, 0.972, 186.940

■ 67, 5.365, 7.211

■ 69, 11.787, 8.044

■ 71, 18.237, 8.825

■ 72, 24.670, 9.579

Harmonies

Complementary

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



61, 28.530, 181.933



44, 36.709, 13.641

Rectangle

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



61, 28.530, 181.933



61, 28.530, 231.933



61, 28.530, 1.933



61, 28.530, 51.933

Sweetspot

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



61, 28.530, 181.931



82, 11.420, 185.374



60, 52.835, 136.683



43, 7.747, 185.199



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 28.530, 181.931



77, 40.239, 180.659



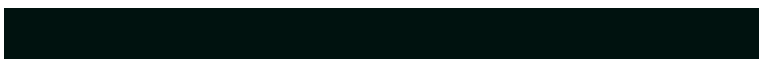
53, 22.822, 243.170



34, 3.555, 185.916



54, 38.586, 175.804



4, 5.705, 183.433

Inverse Universe

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



44, 36.709, 13.641



52, 55.000, 16.639



50, 31.038, 52.304



32, 3.702, 7.360



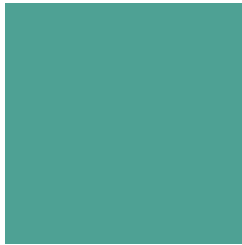
30, 62.254, 31.443



1, 5.594, 7.776

Previews

White Background



This preview shows how the CIELCh color 61, 28.530, 181.933 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, 28.530, 181.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

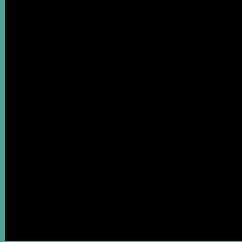
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 28.530, 181.933

Background



This preview shows how black text looks on a background with the CIELCh color 61, 28.530, 181.933.

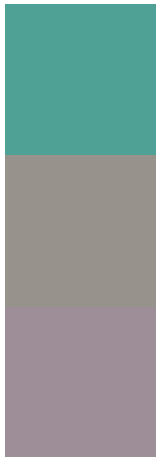


This preview shows how white text looks on a background with the CIELCh color 61, 28.530, 181.933.

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, 28.530, 181.933

Protanopia
61, 4.387, 82.840

Deuteranopia
61, 8.400, 338.181



Tritanopia
61, 23.551, 214.380

Trichromacy



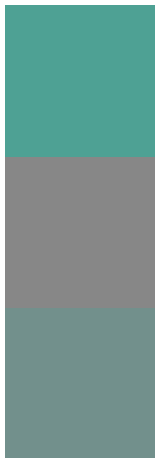
Original Color
61, 28.530, 181.933

Protanomaly
60, 11.484, 172.077

Deuteranomaly
60, 7.486, 207.485

Tritanomaly
61, 24.543, 201.289

Monochromacy



Original Color
61, 28.530, 181.933

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 11.463, 186.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 28.530, 181.933 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(78, 161, 148)` looks like.

```
.text, #text, p{  
    color:rgb(78, 161, 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(78, 161, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 161, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 28.530, 181.933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

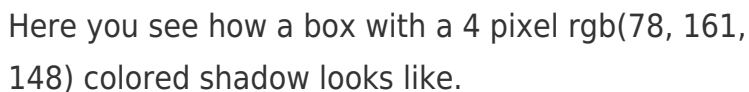
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 161, 148) }
```

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

```
.border{ border-color:rgb(78, 161, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(78, 161, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 161, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 161, 148);  
box-shadow:4px 4px 4px 4px rgb(78, 161,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 28.530, 181.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 161, 148) }
```

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

```
.background{ background-color: rgb(78, 161,  
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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