

Converting Colors

CIELCh(61, 33.205, 208.729)

Have a look what the booklet for
CIELCh(61, 33.205, 208.729)
contains.

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Color

CIELCh(61, 33.180, 208.650)

Conversions

Conversions Part 1

Format	Color
Hex	1CA2AE
RGB	28, 162, 174
RGB Percent	11%, 64%, 68%
CMY	0.8916, 0.3636, 0.3165
CMYK	0.84, 0.07, 0.00, 0.32
HSL	185°, 73%, 40%
HSV	185°, 84%, 68%
XYZ	21.1060, 29.2481, 44.7213
YIQ	123.3020, -83.7160, -24.6760

Conversions

Conversions Part 2

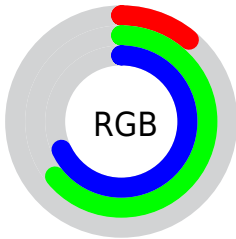
Format	Color
R_{YB}	28, 98, 174
Decimal	1876654
CIE _{Lab}	61.00, -29.12, -15.91
CIE _{LCh}	61, 33.180, 208.650
Yxy	29.2481, 0.2220, 0.3076
Android (android.graphics.Color)	4280066734 (0xFF1CA2AE)
YUV	123.3020, 24.9941, -83.5799
Hunter-Lab	54.0815, -24.9809, -11.1712

Details

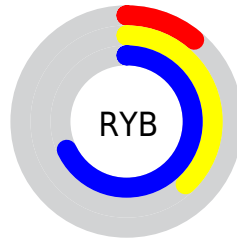
The CIELCh color **61, 33.180, 208.650** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39, 66.716, 37.499**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 32.989, 208.527**, and **42, 25.969, 213.175** is the 20% darker color. If you saturate the color by 10%, you get **60, 33.871, 209.793**, and if you desaturate by 10%, it is **62, 31.762, 207.768**.

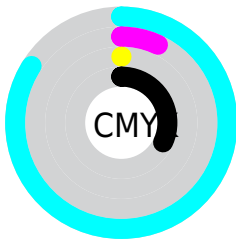
Distribution



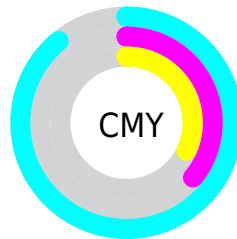
- Red (11%)
- Green (64%)
- Blue (68%)



- Red (11%)
- Yellow (38%)
- Blue (68%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (32%)





- Cyan (89%)
- Magenta (36%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.180, 208.650 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, 33.180, 208.650 by changing the saturation by 10% instead.


 61, 33.180,
208.650


 61, 33.180,
208.650


 100, 33.180,
208.650


 51, 33.180,
208.650


 81, 33.180,
208.650

 41, 33.180,
208.650

 91, 33.180,
208.650

 31, 33.180,
208.650

 21, 33.180,
208.650

 11, 33.180,
208.650

 1, 33.180, 208.650

 0, 33.180, 208.650

■ 61, 33.180,
208.650

■ 61, 33.180,
208.650

■ 60, 33.871,
209.793

■ 62, 31.762,
207.768

■ 60, 34.084,
210.540

■ 63, 29.567,
207.127

■ 64, 26.598,
206.696

■ 65, 22.899,
206.447

■ 66, 18.545,
206.353

■ 67, 13.626,
206.390

■ 69, 8.238, 206.544

■ 70, 2.474, 206.898

Harmonies

Complementary

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



61, 33.180, 208.650



39, 66.716, 37.499

Rectangle

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



61, 33.180, 208.650



61, 33.180, 258.650



61, 33.180, 28.650



61, 33.180, 78.650

Sweetspot

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



61, 33.179, 208.649



85, 17.412, 206.378



62, 82.694, 137.983



45, 11.824, 206.357



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, 33.179, 208.649



77, 41.462, 210.818



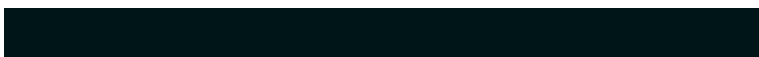
39, 51.251, 283.324



36, 3.329, 206.668



52, 30.614, 210.357



5, 6.995, 210.419

Inverse Universe

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



42, 78.022, 331.139



53, 99.157, 331.834



52, 55.774, 70.275



34, 6.232, 327.227



35, 73.188, 331.721



2, 12.776, 327.809

Previews

White Background



This preview shows how the CIELCh color 61, 33.180, 208.650 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, 33.180, 208.650 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, 33.180, 208.650

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.180, 208.650.

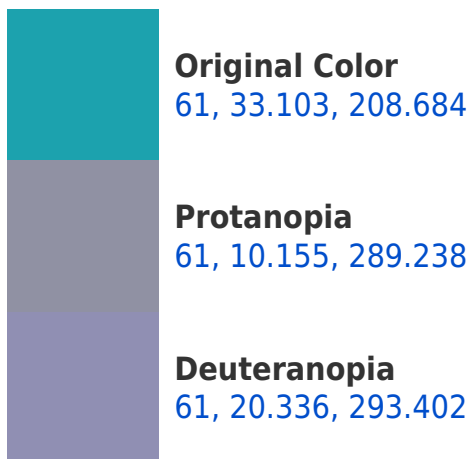


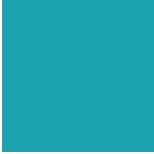
This preview shows how white text looks on a background with the CIELCh color 61, 33.180, 208.650.

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





Tritanopia
61, 32.995, 209.763

Trichromacy



Original Color
61, 33.103, 208.684



Protanomaly
60, 18.270, 228.069



Deuteranomaly
60, 21.155, 245.010



Tritanomaly
61, 32.995, 209.763

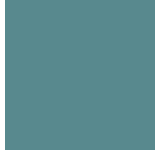
Monochromacy



Original Color
61, 33.103, 208.684



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 17.070, 207.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.180, 208.650 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(28, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(28, 162, 174)  
}
```

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(28, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 162, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.180, 208.650 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(28, 162, 174) }
```

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

```
.border{ border-color:rgb(28, 162, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 162, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(28, 162,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.180, 208.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 162, 174) }
```

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

```
.background{ background-color: rgb(28, 162,  
174) }
```

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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