

Converting Colors

CIELCh(61, 33.574, 195.233)

Have a look what the booklet for
CIELCh(61, 33.574, 195.233)
contains.

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Color

CIELCh(61, 33.553, 195.590)

Conversions

Conversions Part 1

Format	Color
Hex	26A3A2
RGB	38, 163, 162
RGB Percent	15%, 64%, 64%
CMY	0.8504, 0.3605, 0.3644
CMYK	0.77, 0.00, 0.01, 0.36
HSL	180°, 62%, 39%
HSV	180°, 77%, 64%
XYZ	20.4436, 29.2481, 38.7863
YIQ	125.5110, -74.1790, -26.8110

Conversions

Conversions Part 2

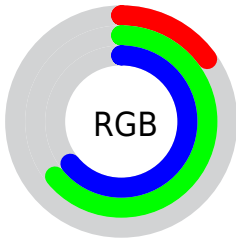
Format	Color
R _Y B	38, 101, 163
Decimal	2532258
CIE Lab	61.00, -32.32, -9.02
CIE LCh	61, 33.553, 195.590
Yxy	29.2481, 0.2311, 0.3306
Android (android.graphics.Color)	4280722338 (0xFF26A3A2)
YUV	125.5110, 17.9891, -76.7471
Hunter-Lab	54.0815, -27.1670, -4.6647

Details

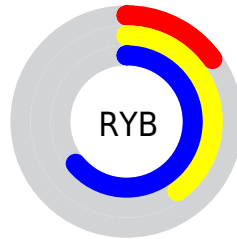
The CIELCh color **61, 33.553, 195.590** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 59.168, 31.755**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 33.384, 196.188**, and **42, 27.318, 195.074** is the 20% darker color. If you saturate the color by 10%, you get **61, 35.031, 195.387**, and if you desaturate by 10%, it is **61, 31.332, 195.838**.

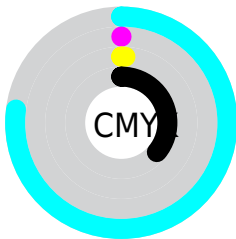
Distribution



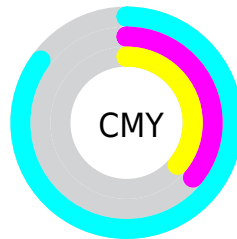
- Red (15%)
- Green (64%)
- Blue (64%)



- Red (15%)
- Yellow (40%)
- Blue (64%)



- Cyan (77%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)





- Cyan (85%)
- Magenta (36%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.553, 195.590 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, 33.553, 195.590 by changing the saturation by 10% instead.


 61, 33.553,
195.590


 61, 33.553,
195.590


 100, 33.553,
195.590


 51, 33.553,
195.590


 81, 33.553,
195.590

 41, 33.553,
195.590

 91, 33.553,
195.590

 31, 33.553,
195.590

 21, 33.553,
195.590

 11, 33.553,
195.590

 1, 33.553, 195.590

 0, 33.553, 195.590

■ 61, 33.553,
195.590

■ 61, 33.553,
195.590

■ 61, 35.031,
195.387

■ 61, 31.332,
195.838

■ 61, 35.853,
195.225

■ 62, 28.355,
196.140

■ 61, 36.077,
195.174

■ 62, 24.650,
196.495

■ 63, 20.277,
196.904

■ 64, 15.321,
197.366

■ 65, 9.874, 197.880

■ 66, 4.033, 198.484

■ 67, 2.109, 18.707

Harmonies

Complementary

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



61, 33.553, 195.590



37, 59.168, 31.755

Rectangle

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



61, 33.553, 195.590



61, 33.553, 245.590



61, 33.553, 15.590



61, 33.553, 65.590

Sweetspot

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



61, 33.553, 195.589



82, 16.549, 197.523



59, 76.420, 137.364



43, 11.410, 197.352



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 33.553, 195.589



77, 43.291, 195.269



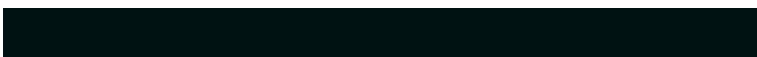
42, 38.411, 271.752



34, 3.430, 198.305



54, 33.155, 195.185



4, 5.465, 198.526

Inverse Universe

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



37, 59.168, 31.755



45, 86.123, 37.700



48, 48.462, 64.163



32, 3.629, 19.253



30, 67.780, 38.947



1, 5.465, 18.799

Previews

White Background



This preview shows how the CIELCh color 61, 33.553, 195.590 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, 33.553, 195.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

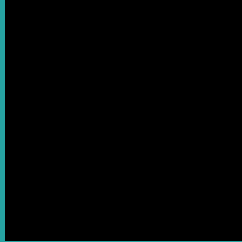
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.553, 195.590

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.553, 195.590.

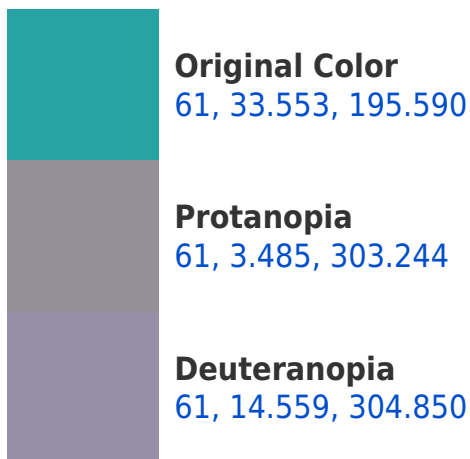


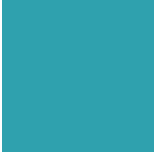
This preview shows how white text looks on a background with the CIELCh color 61, 33.553, 195.590.

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, 30.968, 210.785

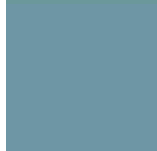
Trichromacy



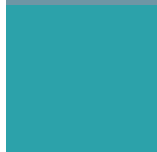
Original Color
61, 33.553, 195.590



Protanomaly
60, 15.783, 204.231



Deuteranomaly
60, 15.779, 231.106

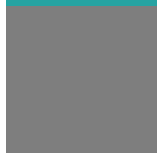


Tritanomaly
61, 31.699, 205.070

Monochromacy



Original Color
61, 33.553, 195.590



Achromatopsia
53, 0.007, 296.813



Achromatomaly
55, 16.008, 197.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.553, 195.590 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(38, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(38, 163, 162)  
}
```

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(38, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 163, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.553, 195.590 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(38, 163, 162) }
```

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

```
.border{ border-color:rgb(38, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(38, 163,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.553, 195.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 163, 162) }
```

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

```
.background{ background-color: rgb(38, 163,  
162) }
```

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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