

Converting Colors

CIELCh(61, 30.602, 203.483)

Have a look what the booklet for
CIELCh(61, 30.602, 203.483)
contains.

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Color

CIELCh(61, 30.756, 203.229)

Conversions

Conversions Part 1

Format	Color
Hex	34A2A8
RGB	52, 162, 168
RGB Percent	20%, 64%, 66%
CMY	0.7979, 0.3661, 0.3426
CMYK	0.69, 0.04, 0.00, 0.34
HSL	183°, 53%, 43%
HSV	183°, 69%, 66%
XYZ	21.2852, 29.2481, 41.3977
YIQ	129.7940, -67.4860, -21.4540

Conversions

Conversions Part 2

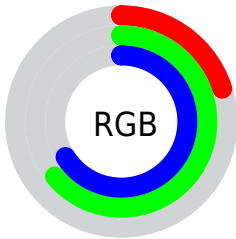
Format	Color
R_{YB}	52, 108, 168
Decimal	3449512
CIE _{Lab}	61.00, -28.26, -12.13
CIE _{LCh}	61, 30.756, 203.229
Yxy	29.2481, 0.2315, 0.3182
Android (android.graphics.Color)	4281639592 (0xFF34A2A8)
YUV	129.7940, 18.8356, -68.2253
Hunter-Lab	54.0815, -24.3893, -7.5275

Details

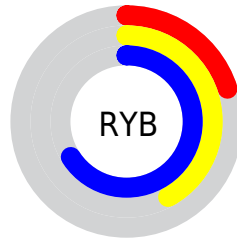
The CIELCh color **61, 30.756, 203.229** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **40, 53.049, 32.310**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 30.640, 203.374**, and **42, 26.221, 204.620** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.584, 203.610**, and if you desaturate by 10%, it is **62, 28.160, 203.002**.

Distribution



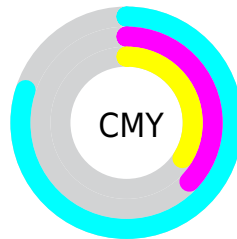
- Red (20%)
- Green (64%)
- Blue (66%)



- Red (20%)
- Yellow (42%)
- Blue (66%)



- Cyan (69%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)





- Cyan (80%)
- Magenta (37%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 30.756, 203.229 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, 30.756, 203.229 by changing the saturation by 10% instead.


 61, 30.756,
203.229


 61, 30.756,
203.229


 100, 30.756,
203.229


 51, 30.756,
203.229


 81, 30.756,
203.229

 41, 30.756,
203.229

 91, 30.756,
203.229

 31, 30.756,
203.229

 21, 30.756,
203.229

 11, 30.756,
203.229

 1, 30.756, 203.229

 0, 30.756, 203.229

■ 61, 30.756,
203.229

■ 61, 30.756,
203.229

■ 60, 32.584,
203.610

■ 62, 28.160,
203.002

■ 60, 33.667,
204.162

■ 63, 24.820,
202.918

■ 60, 34.167,
204.863

■ 64, 20.793,
202.958

■ 60, 34.199,
204.915

■ 65, 16.160,
203.106

■ 66, 11.014,
203.349

■ 67, 5.449, 203.697

■ 69, 0.445, 22.872

■ 70, 6.585, 24.301

Harmonies

Complementary

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



61, 30.756, 203.229



40, 53.049, 32.310

Rectangle

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



61, 30.756, 203.229



61, 30.756, 253.229



61, 30.756, 23.229



61, 30.756, 73.229

Sweetspot

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



61, 30.756, 203.228



83, 14.699, 203.290



61, 71.124, 139.428



44, 9.940, 203.222



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 30.756, 203.228



76, 40.249, 203.876



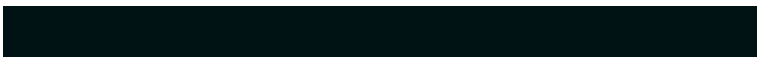
43, 39.639, 276.015



35, 3.339, 203.696



53, 31.211, 204.821



5, 6.129, 205.861

Inverse Universe

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



43, 69.487, 329.415



52, 93.830, 329.952



53, 44.809, 71.387



33, 6.207, 326.344



34, 73.988, 330.360



2, 11.111, 326.434

Previews

White Background



This preview shows how the CIELCh color 61, 30.756, 203.229 looks on a white background.

Color Contrast Check

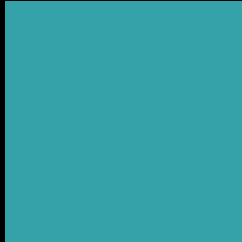
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.756, 203.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

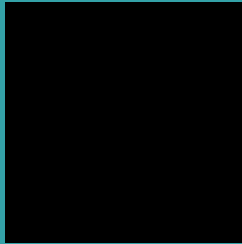
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 30.756, 203.229

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.756, 203.229.

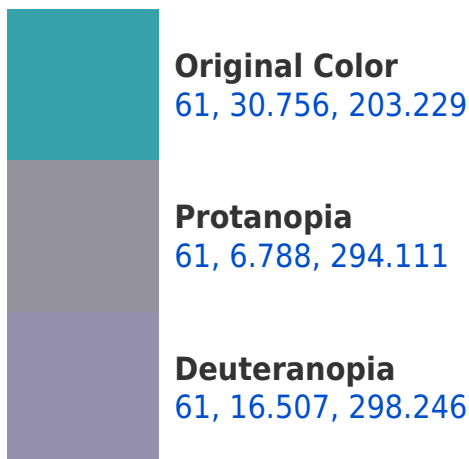


This preview shows how white text looks on a background with the CIELCh color 61, 30.756, 203.229.

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, 29.871, 211.385

Trichromacy



Original Color
61, 30.756, 203.229

Protanomaly
60, 14.490, 221.399

Deuteranomaly
60, 16.510, 242.032

Tritanomaly
61, 30.033, 209.025

Monochromacy



Original Color
61, 30.756, 203.229

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 14.316, 202.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.756, 203.229 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(52, 162, 168)` looks like.

```
.text, #text, p{  
    color:rgb(52, 162, 168)  
}
```

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(52, 162, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 162, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.756, 203.229 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(52, 162, 168) }
```

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

```
.border{ border-color:rgb(52, 162, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 162, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 162, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 162, 168);  
box-shadow:4px 4px 4px 4px rgb(52, 162,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.756, 203.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 162, 168) }
```

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

```
.background{ background-color: rgb(52, 162,  
168) }
```

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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