

Converting Colors

CIE LCh(61, 30.218, 212.307)

Have a look what the booklet for
CIELCh(61, 30.218, 212.307)
contains.

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Color

CIELCh(61, 30.308, 212.275)

Conversions

Conversions Part 1

Format	Color
Hex	34A1AF
RGB	52, 161, 175
RGB Percent	20%, 63%, 69%
CMY	0.7969, 0.3692, 0.3143
CMYK	0.70, 0.08, 0.00, 0.31
HSL	187°, 54%, 44%
HSV	187°, 70%, 69%
XYZ	21.8448, 29.2481, 44.9704
YIQ	130.0050, -69.4580, -18.7540

Conversions

Conversions Part 2

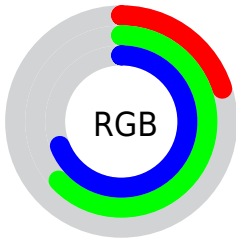
Format	Color
RYB	52, 110, 175
Decimal	3449263
CIELab	61.00, -25.63, -16.18
CIElCh	61, 30.308, 212.275
Yxy	29.2481, 0.2274, 0.3045
Android (android.graphics.Color)	4281639343 (0xFF34A1AF)
YUV	130.0050, 22.1825, -68.4104
Hunter-Lab	54.0815, -22.5425, -11.4443

Details

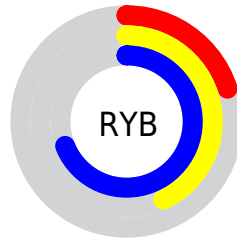
The CIELCh color **61, 30.308, 212.275** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **43, 53.955, 35.929**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 30.385, 212.841**, and **42, 25.836, 216.208** is the 20% darker color. If you saturate the color by 10%, you get **60, 31.982, 213.505**, and if you desaturate by 10%, it is **62, 27.870, 211.354**.

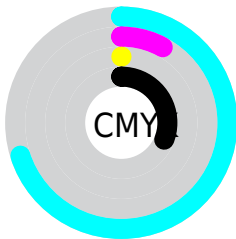
Distribution



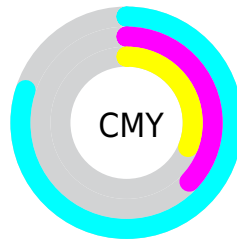
- Red (20%)
- Green (63%)
- Blue (69%)



- Red (20%)
- Yellow (43%)
- Blue (69%)



- Cyan (70%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)





- Cyan (80%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 30.308, 212.275 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, 30.308, 212.275 by changing the saturation by 10% instead.


 61, 30.308,
212.275


 61, 30.308,
212.275


 100, 30.308,
212.275


 51, 30.308,
212.275


 81, 30.308,
212.275

 41, 30.308,
212.275

 91, 30.308,
212.275

 31, 30.308,
212.275

 21, 30.308,
212.275

 11, 30.308,
212.275

 1, 30.308, 212.275

 0, 30.308, 212.275

■ 61, 30.308,
212.275

■ 61, 30.308,
212.275

■ 60, 31.982,
213.505

■ 62, 27.870,
211.354

■ 59, 32.924,
215.088

■ 63, 24.689,
210.698

■ 59, 33.326,
216.901

■ 65, 20.823,
210.266

■ 66, 16.352,
210.018

■ 68, 11.367,
209.925

■ 69, 5.962, 209.978

■ 71, 0.224, 212.241

■ 73, 5.769, 30.089

Harmonies

Complementary

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



61, 30.308, 212.275



43, 53.955, 35.929

Rectangle

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



61, 30.308, 212.275



61, 30.308, 262.275



61, 30.308, 32.275



61, 30.308, 82.275

Sweetspot

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



61, 30.307, 212.274



86, 14.434, 209.928



63, 72.247, 140.487



45, 9.759, 209.943



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, 30.307, 212.274



76, 39.552, 214.262



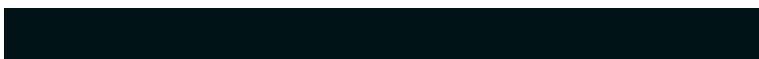
43, 45.108, 280.989



36, 3.239, 209.994



51, 29.861, 216.623



5, 6.771, 215.088

Inverse Universe

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



44, 69.607, 331.745



54, 93.464, 332.547



56, 47.741, 75.738



34, 6.095, 328.201



34, 71.410, 333.258



2, 12.388, 329.205

Previews

White Background



This preview shows how the CIELCh color 61, 30.308, 212.275 looks on a white background.

Color Contrast Check

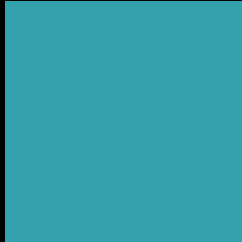
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.308, 212.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

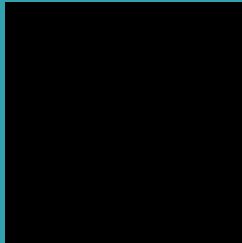
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 30.308, 212.275

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.308, 212.275.

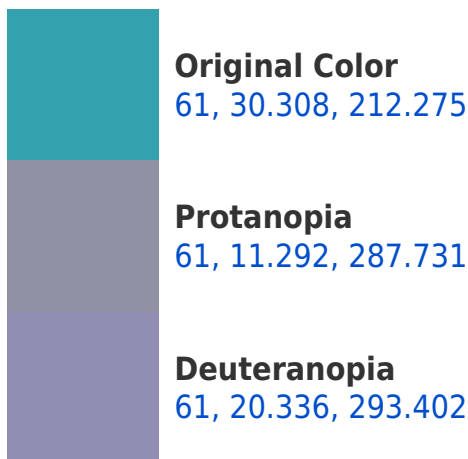



This preview shows how white text looks on a background with the CIELCh color 61, 30.308, 212.275.

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, 30.440, 211.069

Trichromacy



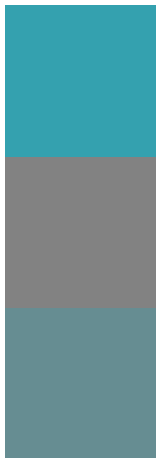
Original Color
61, 30.308, 212.275

Protanomaly
60, 16.807, 235.884

Deuteranomaly
60, 19.888, 251.832

Tritanomaly
61, 30.440, 211.069

Monochromacy



Original Color
61, 30.308, 212.275

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 14.040, 209.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.308, 212.275 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, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(52, 161, 175)  
}
```

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, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 161, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.308, 212.275 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, 161, 175) }
```

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

```
.border{ border-color:rgb(52, 161, 175) }
```

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

Here you see how a box with a 4 pixel rgb(52, 161, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(52, 161,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.308, 212.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 161, 175) }
```

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

```
.background{ background-color: rgb(52, 161,  
175) }
```

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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