

Converting Colors

CIELCh(53, 107.941, 196.024)

Have a look what the booklet for
CIELCh(53, 107.941, 196.024)
contains.

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Color

CIELCh(61, 34.404, 210.112)

Conversions

Conversions Part 1

Format	Color
Hex	03A3B1
RGB	3, 163, 177
RGB Percent	1%, 64%, 69%
CMY	0.9885, 0.3622, 0.3073
CMYK	0.98, 0.08, 0.00, 0.31
HSL	185°, 97%, 35%
HSV	185°, 98%, 69%
XYZ	20.9717, 29.2481, 45.9523
YIQ	116.7560, -99.8540, -29.5660

Conversions

Conversions Part 2

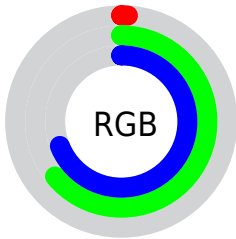
Format	Color
RYB	3, 86, 177
Decimal	238513
CIELab	61.00, -29.76, -17.26
CIElCh	61, 34.404, 210.112
Yxy	29.2481, 0.2181, 0.3041
Android (android.graphics.Color)	4278428593 (0xFF03A3B1)
YUV	116.7560, 29.7003, -99.7640
Hunter-Lab	54.0815, -25.4241, -12.5208

Details

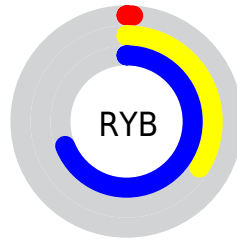
The CIELCh color **61, 34.404, 210.112** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 77.194, 40.473**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 34.315, 210.796**, and **42, 26.143, 214.462** is the 20% darker color. If you saturate the color by 10%, you get **61, 34.463, 210.319**, and if you desaturate by 10%, it is **62, 33.936, 208.896**.

Distribution



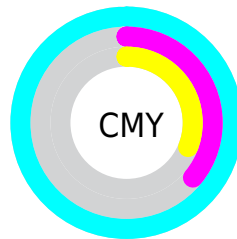
- Red (1%)
- Green (64%)
- Blue (69%)



- Red (1%)
- Yellow (34%)
- Blue (69%)



- Cyan (98%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)





- Cyan (99%)
- Magenta (36%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.404, 210.112 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, 34.404, 210.112 by changing the saturation by 10% instead.


 61, 34.404,
210.112


 61, 34.404,
210.112


 100, 34.404,
210.112


 51, 34.404,
210.112


 81, 34.404,
210.112

 41, 34.404,
210.112

 91, 34.404,
210.112

 31, 34.404,
210.112

 21, 34.404,
210.112

 11, 34.404,
210.112

 1, 34.404, 210.112

 0, 34.404, 210.112

■ 61, 34.404,
210.112

■ 61, 34.404,
210.112

■ 61, 34.463,
210.319

■ 62, 33.936,
208.896

■ 62, 32.826,
207.923

■ 63, 30.943,
207.198

■ 64, 28.268,
206.693

■ 65, 24.831,
206.381

■ 66, 20.695,
206.232

■ 68, 15.947,
206.223

■ 69, 10.682,

206.334

■ 71, 4.998, 206.574

Harmonies

Complementary

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



61, 34.404, 210.112



37, 77.194, 40.473

Rectangle

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



61, 34.404, 210.112



61, 34.404, 260.112



61, 34.404, 30.112



61, 34.404, 80.112

Sweetspot

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



61, 34.403, 210.111



85, 20.707, 206.214



63, 89.266, 136.668



44, 13.878, 206.214



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, 34.403, 210.111



77, 41.859, 210.586



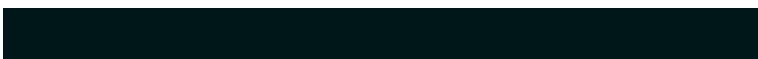
35, 61.098, 289.167



37, 3.413, 206.542



53, 31.026, 210.145



6, 8.170, 210.451

Inverse Universe

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



41, 82.135, 331.649



53, 100.090, 331.778



50, 62.600, 66.864



35, 6.389, 327.192



35, 74.158, 331.669



2, 14.965, 327.893

Previews

White Background



This preview shows how the CIE LCh color 61, 34.404, 210.112 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, 34.404, 210.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

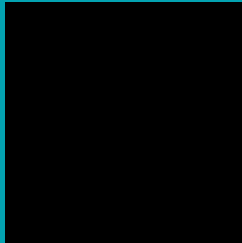
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.404, 210.112

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.404, 210.112.

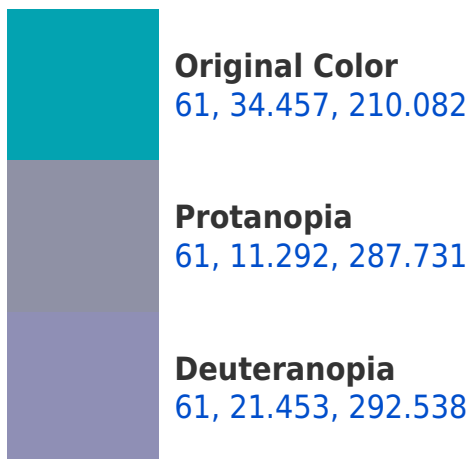


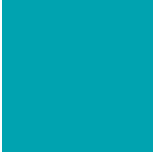
This preview shows how white text looks on a background with the CIELCh color 61, 34.404, 210.112.

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



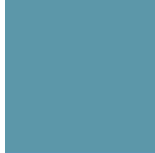


Tritanopia
61, 34.596, 209.031

Trichromacy



Original Color
61, 34.457, 210.082



Protanomaly
59, 21.039, 227.181



Deuteranomaly
59, 23.666, 242.574



Tritanomaly
61, 34.560, 209.046

Monochromacy



Original Color
61, 34.457, 210.082



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 19.554, 206.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.404, 210.112 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(3, 163, 177)` looks like.

```
.text, #text, p{  
    color:rgb(3, 163, 177)  
}
```

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(3, 163, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 163, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.404, 210.112 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(3, 163, 177) }
```

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

```
.border{ border-color:rgb(3, 163, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 163, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 163, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 163, 177);  
box-shadow:4px 4px 4px 4px rgb(3, 163,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.404, 210.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 163, 177) }
```

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

```
.background{ background-color: rgb(3, 163,  
177) }
```

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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