

Converting Colors

CIELCh(61, 36.353, 193.626)

Have a look what the booklet for
CIELCh(61, 36.353, 193.626)
contains.

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Color

CIELCh(61, 36.318, 193.643)

Conversions

Conversions Part 1

Format	Color
Hex	06A4A1
RGB	6, 164, 161
RGB Percent	2%, 64%, 63%
CMY	0.9767, 0.3560, 0.3678
CMYK	0.96, 0.00, 0.02, 0.36
HSL	179°, 93%, 33%
HSV	179°, 96%, 64%
XYZ	19.8407, 29.2481, 38.4173
YIQ	116.4160, -93.2050, -34.4290

Conversions

Conversions Part 2

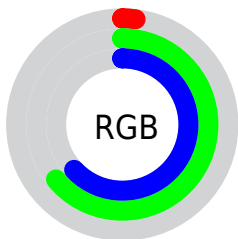
Format	Color
RYB	6, 86, 164
Decimal	435361
CIELab	61.00, -35.29, -8.57
CIELCh	61, 36.318, 193.643
Yxy	29.2481, 0.2267, 0.3342
Android (android.graphics.Color)	4278625441 (0xFF06A4A1)
YUV	116.4160, 21.9799, -96.8348
Hunter-Lab	54.0815, -29.1572, -4.2601

Details

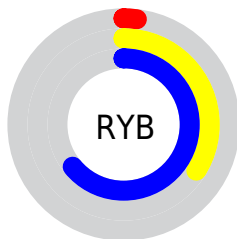
The CIELCh color **61, 36.318, 193.643** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 72.316, 38.026**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 36.403, 193.529**, and **42, 27.318, 195.074** is the 20% darker color. If you saturate the color by 10%, you get **61, 36.570, 193.538**, and if you desaturate by 10%, it is **61, 35.444, 193.935**.

Distribution



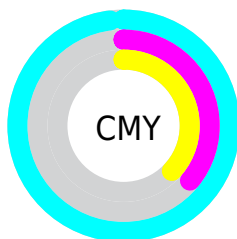
- Red (2%)
- Green (64%)
- Blue (63%)



- Red (2%)
- Yellow (34%)
- Blue (64%)



- Cyan (96%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)




- Cyan (98%)
- Magenta (36%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 36.318, 193.643 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, 36.318, 193.643 by changing the saturation by 10% instead.


 61, 36.318,
193.643


 61, 36.318,
193.643


 100, 36.318,
193.643


 51, 36.318,
193.643


 81, 36.318,
193.643

 41, 36.318,
193.643

 91, 36.318,
193.643

 31, 36.318,
193.643

 21, 36.318,
193.643

 11, 36.318,
193.643

 1, 36.318, 193.643

 0, 36.318, 193.643

■ 61, 36.318,
193.643

■ 61, 36.318,
193.643

■ 61, 36.570,
193.538

■ 61, 35.444,
193.935

■ 61, 33.903,
194.250

■ 62, 31.613,
194.596

■ 62, 28.563,
194.978

■ 63, 24.784,
195.402

■ 64, 20.341,
195.868

■ 64, 15.317,
196.376

■ 65, 9.810, 196.930

Harmonies

Complementary

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



61, 36.318, 193.643



34, 72.316, 38.026

Rectangle

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



61, 36.318, 193.643



61, 36.318, 243.643



61, 36.318, 13.643



61, 36.318, 63.643

Sweetspot

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



61, 36.318, 193.642



82, 20.673, 196.211



59, 85.075, 136.025



43, 13.945, 196.005



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, 36.318, 193.642



78, 44.578, 193.486



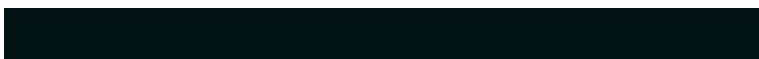
38, 46.469, 278.570



34, 3.433, 197.367



54, 33.433, 193.567



4, 5.470, 197.313

Inverse Universe

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



34, 72.316, 38.026



45, 90.870, 39.352



44, 60.227, 58.969



32, 3.629, 18.364



30, 67.397, 38.510



1, 5.467, 17.973

Previews

White Background



This preview shows how the CIE LCh color 61, 36.318, 193.643 looks on a white background.

Color Contrast Check

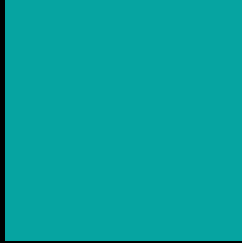
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.318, 193.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

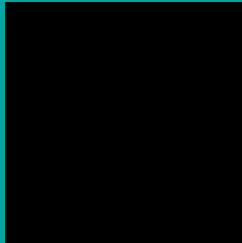
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 36.318, 193.643

Background



This preview shows how black text looks on a background with the CIELCh color 61, 36.318, 193.643.




This preview shows how white text looks on a background with the CIELCh color 61, 36.318, 193.643.

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, 32.658, 209.925

Trichromacy



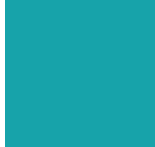
Original Color
61, 36.279, 193.643



Protanomaly
59, 19.090, 201.137



Deuteranomaly
59, 18.659, 223.388



Tritanomaly
61, 33.941, 203.368

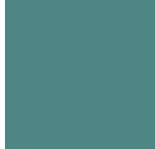
Monochromacy



Original Color
61, 36.279, 193.643



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 19.664, 195.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 36.318, 193.643 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(6, 164, 161)` looks like.

```
.text, #text, p{  
    color:rgb(6, 164, 161)  
}
```

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(6, 164, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 164, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 36.318, 193.643 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(6, 164, 161) }
```

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

```
.border{ border-color:rgb(6, 164, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 164, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 164, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 164, 161);  
box-shadow:4px 4px 4px 4px rgb(6, 164,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 36.318, 193.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 164, 161) }
```

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

```
.background{ background-color: rgb(6, 164,  
161) }
```

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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