

Converting Colors

CIELCh(61, 34.189, 208.219)

Have a look what the booklet for
CIELCh(61, 34.189, 208.219)
contains.

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Color

CIELCh(61, 34.242, 208.194)

Conversions

Conversions Part 1

Format	Color
Hex	0AA3AF
RGB	10, 163, 175
RGB Percent	4%, 64%, 69%
CMY	0.9613, 0.3618, 0.3148
CMYK	0.94, 0.07, 0.00, 0.31
HSL	184°, 89%, 36%
HSV	184°, 94%, 69%
XYZ	20.8847, 29.2481, 44.9649
YIQ	118.6210, -95.0400, -28.7040

Conversions

Conversions Part 2

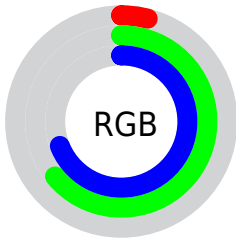
Format	Color
R_{YB}	10, 89, 175
Decimal	697263
CIE _{Lab}	61.00, -30.18, -16.18
CIE _{LCh}	61, 34.242, 208.194
Yxy	29.2481, 0.2196, 0.3076
Android (android.graphics.Color)	4278887343 (0xFF0AA3AF)
YUV	118.6210, 27.7948, -95.2606
Hunter-Lab	54.0815, -25.7112, -11.4383

Details

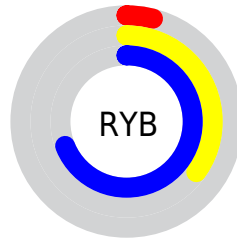
The CIELCh color **61, 34.242, 208.194** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 74.336, 39.471**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 34.132, 209.005**, and **42, 26.136, 213.038** is the 20% darker color. If you saturate the color by 10%, you get **61, 34.451, 208.817**, and if you desaturate by 10%, it is **62, 33.552, 207.199**.

Distribution



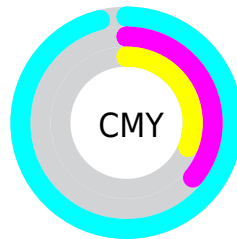
- Red (4%)
- Green (64%)
- Blue (69%)



- Red (4%)
- Yellow (35%)
- Blue (69%)



- Cyan (94%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)





- Cyan (96%)
- Magenta (36%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.242, 208.194 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, 34.242, 208.194 by changing the saturation by 10% instead.


 61, 34.242,
208.194


 61, 34.242,
208.194


 100, 34.242,
208.194


 51, 34.242,
208.194


 81, 34.242,
208.194

 41, 34.242,
208.194

 91, 34.242,
208.194

 31, 34.242,
208.194

 21, 34.242,
208.194

 11, 34.242,
208.194

 1, 34.242, 208.194

 0, 34.242, 208.194

■ 61, 34.242,
208.194

■ 61, 34.242,
208.194

■ 61, 34.451,
208.817

■ 62, 33.552,
207.199

■ 62, 32.132,
206.441

■ 63, 29.930,
205.899

■ 64, 26.946,
205.551

■ 65, 23.225,
205.369

■ 66, 18.839,
205.330

■ 68, 13.881,
205.414

■ 69, 8.446, 205.609

Harmonies

Complementary

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



61, 34.242, 208.194



37, 74.336, 39.471

Rectangle

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



61, 34.242, 208.194



61, 34.242, 258.194



61, 34.242, 28.194



61, 34.242, 78.194

Sweetspot

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



61, 34.241, 208.193



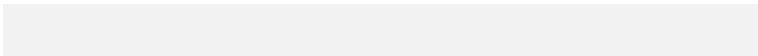
85, 19.443, 205.366



62, 87.332, 136.954



45, 13.307, 205.336



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, 34.241, 208.193



77, 41.831, 209.056



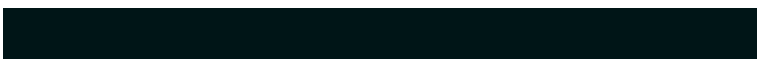
36, 57.933, 287.538



36, 3.356, 205.757



53, 30.884, 208.655



5, 7.068, 209.126

Inverse Universe

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



41, 81.343, 331.147



53, 99.875, 331.403



51, 60.577, 67.898



34, 6.271, 326.958



35, 73.702, 331.304



2, 12.889, 327.421

Previews

White Background



This preview shows how the CIE LCh color 61, 34.242, 208.194 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, 34.242, 208.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

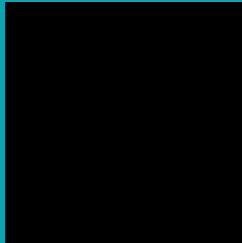
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

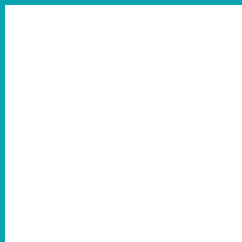
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 34.242, 208.194

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.242, 208.194.



This preview shows how white text looks on a background with the CIELCh color 61, 34.242, 208.194.

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



Original Color

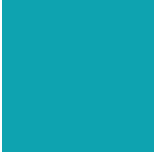
61, 34.279, 208.179

Protanopia

61, 10.155, 289.238

Deuteranopia

61, 20.336, 293.402

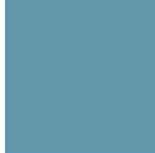


Tritanopia
61, 34.081, 209.258

Trichromacy



Original Color
61, 34.279, 208.179



Protanomaly
59, 19.978, 225.167



Deuteranomaly
59, 22.482, 241.467



Tritanomaly
61, 34.165, 209.221

Monochromacy



Original Color
61, 34.279, 208.179



Achromatopsia
50, 0.007, 296.813



Achromatomaly
52, 18.756, 206.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.242, 208.194 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(10, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(10, 163, 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(10, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 163, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.242, 208.194 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(10, 163, 175) }
```

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

```
.border{ border-color:rgb(10, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(10, 163,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.242, 208.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 163, 175) }
```

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

```
.background{ background-color: rgb(10, 163,  
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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