

Converting Colors

CIELCh(61, 34.452, 217.974)

Have a look what the booklet for
CIELCh(61, 34.452, 217.974)
contains.

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Color

CIELCh(61, 34.488, 218.191)

Conversions

Conversions Part 1

Format	Color
Hex	00A2B8
RGB	0, 162, 184
RGB Percent	0%, 64%, 72%
CMY	1.0000, 0.3652, 0.2789
CMYK	1.00, 0.12, 0.00, 0.28
HSL	187°, 100%, 36%
HSV	187°, 100%, 72%
XYZ	21.5295, 29.2481, 49.7882
YIQ	116.0700, -103.6140, -27.5020

Conversions

Conversions Part 2

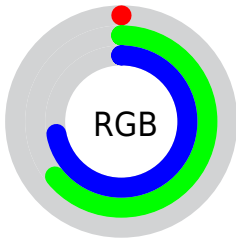
Format	Color
RYB	0, 86, 184
Decimal	41656
CIELab	61.00, -27.11, -21.32
CIELCh	61, 34.488, 218.191
Yxy	29.2481, 0.2141, 0.2908
Android (android.graphics.Color)	4278231736 (0xFF00A2B8)
YUV	116.0700, 33.4895, -101.7934
Hunter-Lab	54.0815, -23.5832, -16.7260

Details

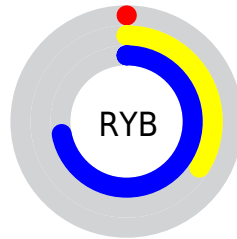
The CIELCh color **61, 34.488, 218.191** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39, 79.854, 41.527**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 34.459, 218.358**, and **42, 26.567, 225.914** is the 20% darker color. If you saturate the color by 10%, you get **61, 34.469, 218.203**, and if you desaturate by 10%, it is **62, 34.046, 216.176**.

Distribution



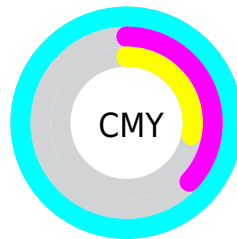
- Red (0%)
- Green (64%)
- Blue (72%)



- Red (0%)
- Yellow (34%)
- Blue (72%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (28%)





- Cyan (100%)
- Magenta (37%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.488, 218.191 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, 34.488, 218.191 by changing the saturation by 10% instead.


 61, 34.488,
218.191


 61, 34.488,
218.191


 100, 34.488,
218.191


 51, 34.488,
218.191


 81, 34.488,
218.191

 41, 34.488,
218.191

 91, 34.488,
218.191

 31, 34.488,
218.191

 21, 34.488,
218.191

 11, 34.488,
218.191

 1, 34.488, 218.191

 0, 34.488, 218.191

■ 61, 34.488,
218.191

■ 61, 34.488,
218.191

■ 61, 34.469,
218.203

■ 62, 34.046,
216.176

■ 63, 33.056,
214.486

■ 64, 31.304,
213.169

■ 65, 28.759,
212.180

■ 66, 25.443,
211.470

■ 68, 21.416,
210.994

■ 69, 16.763,
210.710

■ 71, 11.579,

210.588

■ 73, 5.962, 210.617

Harmonies

Complementary

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



61, 34.488, 218.191



39, 79.854, 41.527

Rectangle

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



61, 34.488, 218.191



61, 34.488, 268.191



61, 34.488, 38.191



61, 34.488, 88.191

Sweetspot

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



61, 34.469, 218.203



88, 20.752, 210.720



65, 91.204, 137.125



46, 13.910, 210.821



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 34.469, 218.203



78, 42.006, 218.621



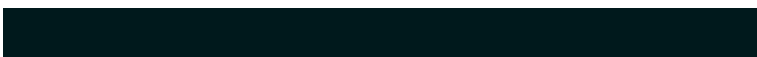
34, 70.372, 293.540



38, 3.379, 210.626



52, 30.488, 217.886



7, 8.948, 215.847

Inverse Universe

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



42, 82.309, 333.647



55, 100.255, 333.751



54, 64.633, 70.954



36, 6.364, 328.390



36, 72.828, 333.569



3, 16.657, 329.865

Previews

White Background



This preview shows how the CIELCh color 61, 34.488, 218.191 looks on a white background.

Color Contrast Check

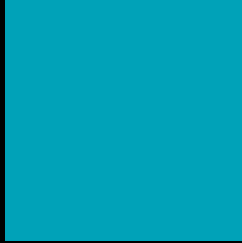
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.488, 218.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

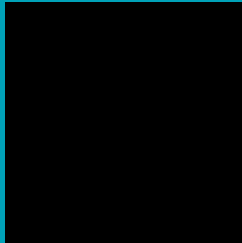
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.488, 218.191

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.488, 218.191.



This preview shows how white text looks on a background with the CIELCh color 61, 34.488, 218.191.

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, 34.488, 218.191



Protanomaly
59, 23.056, 236.277



Deuteranomaly
60, 26.496, 247.089



Tritanomaly
61, 34.525, 212.041

Monochromacy



Original Color
61, 34.488, 218.191



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 19.841, 211.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.488, 218.191 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(0, 162, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 184)  
}
```

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(0, 162, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.488, 218.191 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(0, 162, 184) }
```

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

```
.border{ border-color:rgb(0, 162, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.488, 218.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 184) }
```

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

```
.background{ background-color: rgb(0, 162,  
184) }
```

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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