

Converting Colors

CIELCh(58, 33.739, 202.352)

Have a look what the booklet for
CIELCh(58, 33.739, 202.352)
contains.

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Color

CIELCh(58, 33.745, 202.395)

Conversions

Conversions Part 1

Format	Color
Hex	009BA1
RGB	0, 155, 161
RGB Percent	0%, 61%, 63%
CMY	0.9984, 0.3928, 0.3692
CMYK	1.00, 0.04, 0.00, 0.37
HSL	182°, 99%, 32%
HSV	182°, 100%, 63%
XYZ	18.1194, 25.9610, 37.7023
YIQ	109.3390, -94.3060, -30.9940

Conversions

Conversions Part 2

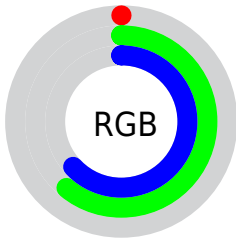
Format	Color
RYB	0, 79, 161
Decimal	39841
CIELab	58.00, -31.20, -12.86
CIELCh	58, 33.745, 202.395
Yxy	25.9610, 0.2216, 0.3174
Android (android.graphics.Color)	4278229921 (0xFF009BA1)
YUV	109.3390, 25.4689, -95.8903
Hunter-Lab	50.9519, -25.6880, -8.2058

Details

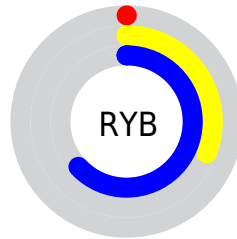
The CIELCh color **58, 33.745, 202.395** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33, 73.152, 40.170**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 33.815, 202.585**, and **39, 24.929, 206.625** is the 20% darker color. If you saturate the color by 10%, you get **58, 33.757, 202.406**, and if you desaturate by 10%, it is **58, 33.206, 201.927**.

Distribution



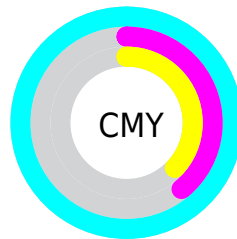
- Red (0%)
- Green (61%)
- Blue (63%)



- Red (0%)
- Yellow (31%)
- Blue (63%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)





- Cyan (100%)
- Magenta (39%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 33.745, 202.395 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 58, 33.745, 202.395 by changing the saturation by 10% instead.


 58, 33.745,
202.395


 58, 33.745,
202.395


 100, 33.745,
202.395


 48, 33.745,
202.395


 78, 33.745,
202.395

 38, 33.745,
202.395

 88, 33.745,
202.395

 28, 33.745,
202.395

 98, 33.745,
202.395

 18, 33.745,
202.395

 8, 33.745, 202.395

 0, 33.745, 202.395

■ 58, 33.745,
202.395

■ 58, 33.745,
202.395

■ 58, 33.757,
202.406

■ 58, 33.206,
201.927

■ 59, 32.131,
201.570

■ 59, 30.337,
201.347

■ 60, 27.799,
201.252

■ 61, 24.539,
201.274

■ 61, 20.608,
201.402

■ 62, 16.084,
201.623

■ 64, 11.055,

201.929

■ 65, 5.615, 202.327

Harmonies

Complementary

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



58, 33.745, 202.395



33, 73.152, 40.170

Rectangle

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



58, 33.745, 202.395



58, 33.745, 252.395



58, 33.745, 22.395



58, 33.745, 72.395

Sweetspot

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



58, 33.744, 202.394



79, 20.020, 201.602



58, 84.144, 136.346



41, 13.416, 201.507



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 33.744, 202.394



74, 40.987, 202.526



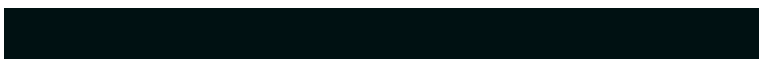
33, 53.922, 286.583



34, 3.301, 202.349



53, 31.354, 202.352



4, 5.203, 203.759

Inverse Universe

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



38, 79.492, 329.754



49, 96.608, 329.789



45, 59.434, 63.878



32, 6.110, 325.938



34, 73.867, 329.746



2, 9.382, 325.792

Previews

White Background



This preview shows how the CIELCh color 58, 33.745, 202.395 looks on a white background.

Color Contrast Check

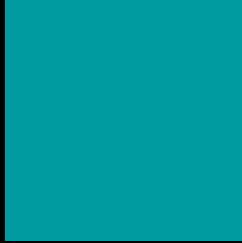
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 33.745, 202.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

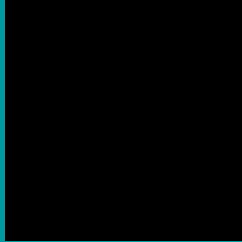
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 33.745, 202.395

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.745, 202.395.

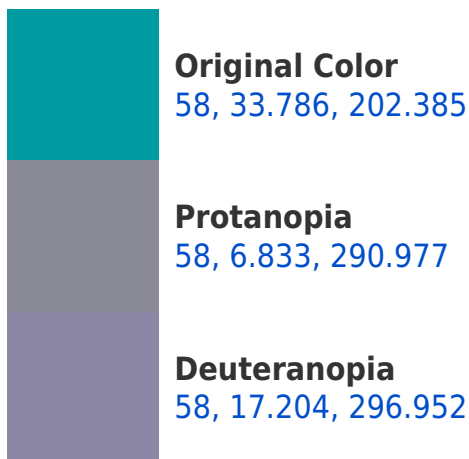


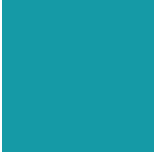
This preview shows how white text looks on a background with the CIELCh color 58, 33.745, 202.395.

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
58, 32.240, 209.108

Trichromacy



Original Color
58, 33.786, 202.385

Protanomaly
56, 19.216, 215.251

Deuteranomaly
56, 20.392, 234.532

Tritanomaly
58, 32.727, 206.792

Monochromacy



Original Color
58, 33.786, 202.385

Achromatopsia
46, 0.006, 296.813

Achromatomaly
49, 19.119, 201.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.745, 202.395 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, 155, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 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(0, 155, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.745, 202.395 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, 155, 161) }
```

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

```
.border{ border-color:rgb(0, 155, 161) }
```

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

Here you see how a box with a 4 pixel rgb(0, 155, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.745, 202.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 161) }
```

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

```
.background{ background-color: rgb(0, 155,  
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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