

Converting Colors

CIELCh(58, 33.952, 231.795)

Have a look what the booklet for
CIELCh(58, 33.952, 231.795)
contains.

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Color

CIELCh(58, 33.900, 231.277)

Conversions

Conversions Part 1

Format	Color
Hex	0B98B9
RGB	11, 152, 185
RGB Percent	4%, 60%, 73%
CMY	0.9560, 0.4047, 0.2753
CMYK	0.94, 0.18, 0.00, 0.28
HSL	191°, 89%, 38%
HSV	191°, 94%, 72%
XYZ	20.0735, 25.9610, 49.7419
YIQ	113.6030, -94.6290, -19.6290

Conversions

Conversions Part 2

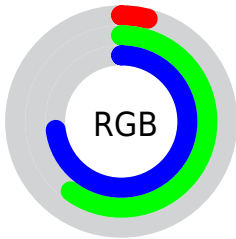
Format	Color
R_{YB}	11, 89, 185
Decimal	759993
CIE _{Lab}	58.00, -21.21, -26.45
CIE _{LCh}	58, 33.900, 231.277
Yxy	25.9610, 0.2096, 0.2711
Android (android.graphics.Color)	4278950073 (0xFF0B98B9)
YUV	113.6030, 35.1987, -89.9828
Hunter-Lab	50.9519, -18.8422, -22.2156

Details

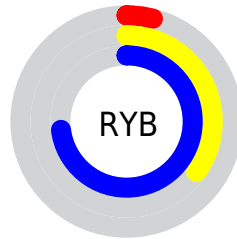
The CIELCh color **58, 33.900, 231.277** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **41, 74.180, 42.813**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 33.920, 231.600**, and **40, 27.471, 241.703** is the 20% darker color. If you saturate the color by 10%, you get **57, 34.350, 233.397**, and if you desaturate by 10%, it is **59, 32.895, 228.099**.

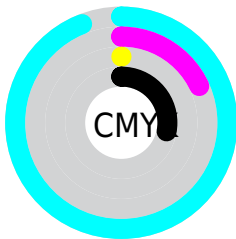
Distribution



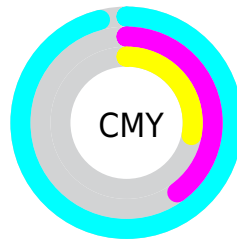
- Red (4%)
- Green (60%)
- Blue (73%)



- Red (4%)
- Yellow (35%)
- Blue (73%)



- Cyan (94%)
- Magenta (18%)
- Yellow (0%)
- Black (28%)





- Cyan (96%)
- Magenta (40%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 33.900, 231.277 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, 33.900, 231.277 by changing the saturation by 10% instead.


 58, 33.900,
231.277


 58, 33.900,
231.277


 100, 33.900,
231.277


 48, 33.900,
231.277


 78, 33.900,
231.277

 38, 33.900,
231.277

 88, 33.900,
231.277

 28, 33.900,
231.277

 98, 33.900,
231.277

 18, 33.900,
231.277

 8, 33.900, 231.277

 0, 33.900, 231.277

■ 58, 33.900,
231.277

■ 58, 33.900,
231.277

■ 57, 34.350,
233.397

■ 59, 32.895,
228.099

■ 61, 31.270,
225.519

■ 62, 28.949,
223.478

■ 64, 25.921,
221.898

■ 66, 22.223,
220.701

■ 68, 17.925,
219.816

■ 70, 13.110,
219.184

■ 72, 7.865, 218.765

Harmonies

Complementary

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



58, 33.900, 231.277



41, 74.180, 42.813

Rectangle

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



58, 33.900, 231.277



58, 33.900, 281.277



58, 33.900, 51.277



58, 33.900, 101.277

Sweetspot

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



58, 33.899, 231.277



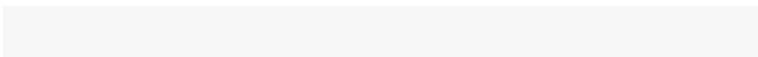
87, 18.656, 219.443



66, 86.562, 139.053



45, 12.667, 219.730



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



58, 33.899, 231.277



73, 41.798, 234.079



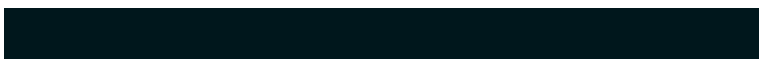
33, 73.679, 295.504



38, 3.221, 218.645



49, 30.218, 232.852



6, 8.563, 227.672

Inverse Universe

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



42, 77.715, 336.957



54, 94.913, 337.744



58, 63.291, 78.576



36, 6.056, 330.724



35, 69.048, 337.410



3, 15.534, 333.394

Previews

White Background



This preview shows how the CIE LCh color 58, 33.900, 231.277 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, 33.900, 231.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

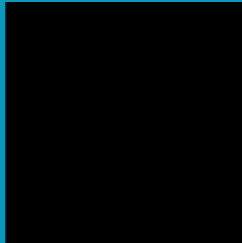
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 33.900, 231.277

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.900, 231.277.

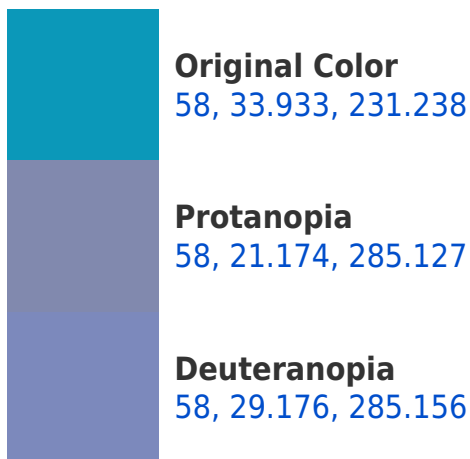


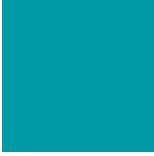
This preview shows how white text looks on a background with the CIELCh color 58, 33.900, 231.277.

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, 33.195, 208.673

Trichromacy



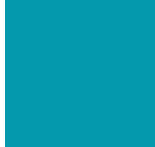
Original Color
58, 33.933, 231.238



Protanomaly
57, 25.874, 251.617



Deuteranomaly
57, 29.949, 258.336



Tritanomaly
58, 32.887, 217.367

Monochromacy



Original Color
58, 33.933, 231.238



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 18.140, 220.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.900, 231.277 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(11, 152, 185)` looks like.

```
.text, #text, p{  
    color:rgb(11, 152, 185)  
}
```

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(11, 152, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 152, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.900, 231.277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

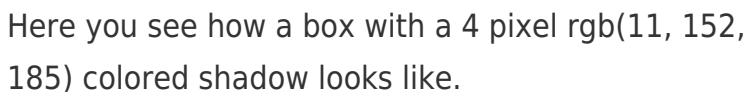
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(11, 152, 185) }
```

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

```
.border{ border-color:rgb(11, 152, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(11, 152, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 152, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 152, 185);  
box-shadow:4px 4px 4px 4px rgb(11, 152,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.900, 231.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 152, 185) }
```

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

```
.background{ background-color: rgb(11, 152,  
185) }
```

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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