

Converting Colors

CIELCh(58, 35.571, 181.313)

Have a look what the booklet for
CIELCh(58, 35.571, 181.313)
contains.

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Color

CIELCh(58, 35.571, 181.313)

Conversions

Conversions Part 1

Format	Color
Hex	259C8C
RGB	37, 156, 140
RGB Percent	15%, 61%, 55%
CMY	0.8565, 0.3893, 0.4520
CMYK	0.77, 0.00, 0.10, 0.39
HSL	172°, 62%, 38%
HSV	172°, 77%, 61%
XYZ	17.3080, 25.9610, 28.8123
YIQ	118.5950, -65.7880, -30.2040

Conversions

Conversions Part 2

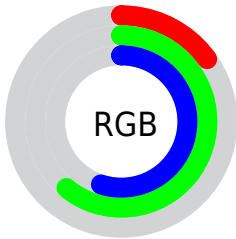
Format	Color
R_{YB}	37, 101, 156
Decimal	2464908
CIE _{Lab}	58.00, -35.56, -0.82
CIE _{LCh}	58, 35.571, 181.313
Yxy	25.9610, 0.2401, 0.3602
Android (android.graphics.Color)	4280654988 (0xFF259C8C)
YUV	118.5950, 10.5527, -71.5588
Hunter-Lab	50.9519, -28.5309, 2.1390

Details

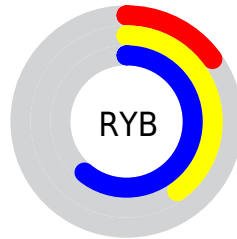
The CIELCh color **58, 35.571, 181.313** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **35, 53.401, 22.849**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 35.681, 181.064**, and **39, 29.401, 178.847** is the 20% darker color. If you saturate the color by 10%, you get **58, 37.645, 180.080**, and if you desaturate by 10%, it is **58, 32.796, 182.437**.

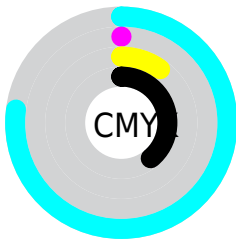
Distribution



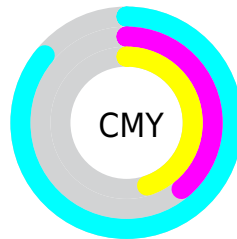
- Red (15%)
- Green (61%)
- Blue (55%)



- Red (15%)
- Yellow (40%)
- Blue (61%)



- Cyan (77%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)





- Cyan (86%)
- Magenta (39%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 35.571, 181.313 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, 35.571, 181.313 by changing the saturation by 10% instead.


 58, 35.571,
181.313


 58, 35.571,
181.313


 100, 35.571,
181.313


 48, 35.571,
181.313


 78, 35.571,
181.313

 38, 35.571,
181.313

 88, 35.571,
181.313

 28, 35.571,
181.313

 98, 35.571,
181.313

 18, 35.571,
181.313

 8, 35.571, 181.313

 0, 35.571, 181.313

■ 58, 35.571,
181.313

■ 58, 35.571,
181.313

■ 58, 37.645,
180.080

■ 58, 32.796,
182.437

■ 58, 39.094,
178.734

■ 59, 29.326,
183.475

■ 57, 39.553,
178.266

■ 60, 25.207,
184.444

■ 60, 20.512,
185.361

■ 61, 15.335,
186.241

■ 62, 9.771, 187.098

■ 63, 3.918, 187.981

■ 65, 2.140, 8.460

Harmonies

Complementary

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



58, 35.571, 181.313



35, 53.401, 22.849

Rectangle

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



58, 35.571, 181.313



58, 35.571, 231.313



58, 35.571, 1.313



58, 35.571, 51.313

Sweetspot

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



58, 35.571, 181.312



78, 16.540, 186.505



57, 71.715, 135.428



41, 11.440, 186.212



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 35.571, 181.312



73, 46.878, 179.109



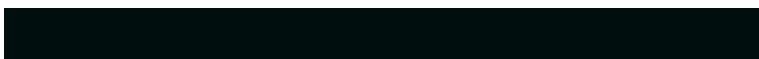
45, 30.467, 253.494



33, 3.435, 187.726



53, 37.078, 178.383



3, 4.605, 186.368

Inverse Universe

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



35, 53.401, 22.849



43, 76.741, 30.529



42, 48.053, 52.666



31, 3.585, 9.112



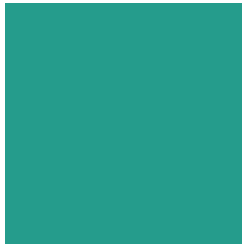
29, 62.307, 32.831



1, 4.560, 8.941

Previews

White Background



This preview shows how the CIELCh color 58, 35.571, 181.313 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, 35.571, 181.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

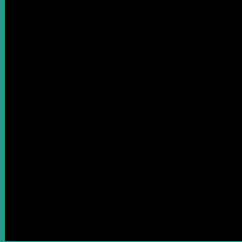
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 35.571, 181.313

Background



This preview shows how black text looks on a background with the CIELCh color 58, 35.571, 181.313.

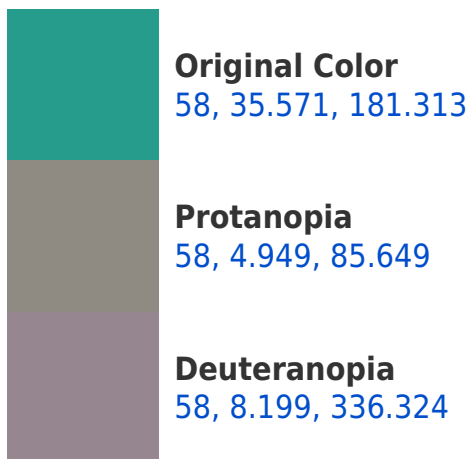



This preview shows how white text looks on a background with the CIELCh color 58, 35.571, 181.313.

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, 28.560, 212.242

Trichromacy



Original Color
58, 35.571, 181.313

Protanomaly
57, 16.038, 176.938

Deuteranomaly
57, 12.417, 198.238

Tritanomaly
58, 30.117, 200.051

Monochromacy



Original Color
58, 35.571, 181.313

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 16.568, 185.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 35.571, 181.313 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(37, 156, 140)` looks like.

```
.text, #text, p{  
    color:rgb(37, 156, 140)  
}
```

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(37, 156, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 156, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 35.571, 181.313 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(37, 156, 140) }
```

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

```
.border{ border-color:rgb(37, 156, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 156, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 156, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 156, 140);  
box-shadow:4px 4px 4px 4px rgb(37, 156,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 35.571, 181.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 156, 140) }
```

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

```
.background{ background-color: rgb(37, 156,  
140) }
```

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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