

Converting Colors

CIELCh(58, 26.956, 197.004)

Have a look what the booklet for
CIELCh(58, 26.956, 197.004)
contains.

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Color

CIELCh(58, 26.934, 196.994)

Conversions

Conversions Part 1

Format	Color
Hex	419898
RGB	65, 152, 152
RGB Percent	25%, 60%, 60%
CMY	0.7438, 0.4028, 0.4028
CMYK	0.57, 0.00, 0.00, 0.40
HSL	180°, 40%, 43%
HSV	180°, 57%, 60%
XYZ	19.1670, 25.9610, 33.8288
YIQ	125.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

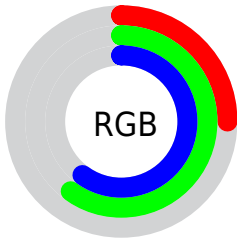
Format	Color
R _{YB}	65, 109, 152
Decimal	4298904
CIE _{Lab}	58.00, -25.76, -7.87
CIE _{LCh}	58, 26.934, 196.994
Y _{xy}	25.9610, 0.2428, 0.3288
Android (android.graphics.Color)	4282488984 (0xFF419898)
Y _{UV}	125.9870, 12.8244, -53.4856
Hunter-Lab	50.9519, -22.0181, -3.6984

Details

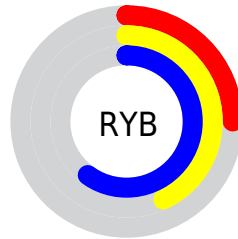
The CIELCh color **58, 26.934, 196.994** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39, 40.723, 26.423**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 27.022, 196.320**, and **38, 25.396, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **58, 29.713, 196.753**, and if you desaturate by 10%, it is **59, 23.468, 197.295**.

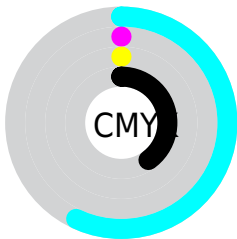
Distribution



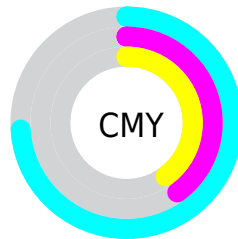
- Red (25%)
- Green (60%)
- Blue (60%)



- Red (25%)
- Yellow (43%)
- Blue (60%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (74%)
- Magenta (40%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 26.934, 196.994 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, 26.934, 196.994 by changing the saturation by 10% instead.

 58, 26.934,
196.994

 58, 26.934,
196.994


 100, 26.934,
196.994


 48, 26.934,
196.994


 78, 26.934,
196.994

 38, 26.934,
196.994

 88, 26.934,
196.994

 28, 26.934,
196.994

 98, 26.934,
196.994

 18, 26.934,
196.994

 8, 26.934, 196.994

 0, 26.934, 196.994

■ 58, 26.934,
196.994

■ 58, 26.934,
196.994

■ 58, 29.713,
196.753

■ 59, 23.468,
197.295

■ 57, 31.779,
196.576

■ 59, 19.370,
197.659

■ 57, 33.149,
196.460

■ 60, 14.715,
198.081

■ 57, 33.921,
196.395

■ 61, 9.592, 198.561

■ 57, 34.111,
196.379

■ 62, 4.091, 199.131

■ 63, 1.704, 19.296

■ 65, 7.712, 20.071

■ 66, 13.868, 20.685

■ 68, 20.113, 21.298

Harmonies

Complementary

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



58, 26.934, 196.994



39, 40.723, 26.423

Rectangle

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



58, 26.934, 196.994



58, 26.934, 246.994



58, 26.934, 16.994



58, 26.934, 66.994

Sweetspot

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



58, 26.934, 196.992



78, 11.842, 198.549



56, 57.742, 139.408



41, 7.858, 198.458



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 26.934, 196.992



74, 37.129, 196.688



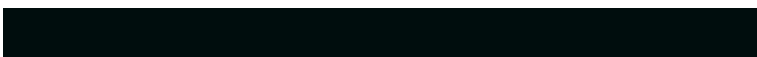
45, 27.649, 264.727



32, 3.249, 198.995



53, 32.121, 196.379



3, 3.595, 199.417

Inverse Universe

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



39, 40.723, 26.423



47, 62.610, 30.062



49, 33.141, 66.777



30, 3.439, 19.892



28, 66.111, 39.047



1, 3.595, 19.401

Previews

White Background



This preview shows how the CIE LCh color 58, 26.934, 196.994 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, 26.934, 196.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

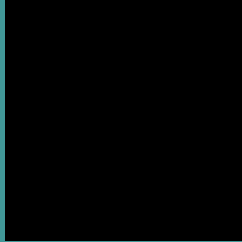
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.934, 196.994

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.934, 196.994.

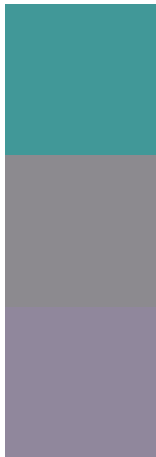


This preview shows how white text looks on a background with the CIELCh color 58, 26.934, 196.994.

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

58, 26.934, 196.994

Protanopia

58, 2.964, 305.645

Deuteranopia

58, 12.489, 307.182



Tritanopia
58, 25.167, 213.231

Trichromacy



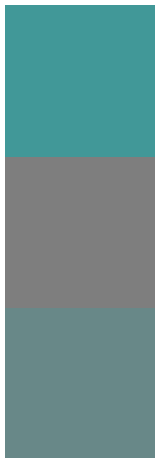
Original Color
58, 26.934, 196.994

Protanomaly
57, 11.024, 207.391

Deuteranomaly
57, 12.005, 240.668

Tritanomaly
58, 25.534, 207.592

Monochromacy



Original Color
58, 26.934, 196.994

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 11.799, 198.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.934, 196.994 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(65, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(65, 152, 152)  
}
```

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(65, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 152, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.934, 196.994 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(65, 152, 152) }
```

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

```
.border{ border-color:rgb(65, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(65, 152,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.934, 196.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 152, 152) }
```

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

```
.background{ background-color: rgb(65, 152,  
152) }
```

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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