

Converting Colors

CIELCh(60, 5.296, 198.983)

Have a look what the booklet for
CIELCh(60, 5.296, 198.983) contains.

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Color

CIELCh(60, 5.296, 198.983)

Conversions

Conversions Part 1

Format	Color
Hex	859393
RGB	133, 147, 147
RGB Percent	52%, 58%, 58%
CMY	0.4769, 0.4220, 0.4220
CMYK	0.10, 0.00, 0.00, 0.42
HSL	180°, 6%, 55%
HSV	180°, 10%, 58%
XYZ	25.5231, 28.1233, 31.8452
YIQ	142.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

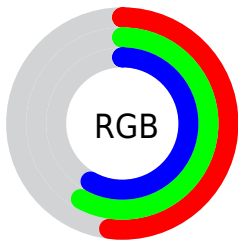
Format	Color
R_{YB}	133, 140, 147
Decimal	8754067
CIE _{Lab}	60.00, -5.01, -1.72
CIE _{LCh}	60, 5.296, 198.983
Yxy	28.1233, 0.2985, 0.3290
Android (android.graphics.Color)	4286944147 (0xFF859393)
YUV	142.8140, 2.0637, -8.6069
Hunter-Lab	53.0314, -6.8961, 1.5185

Details

The CIELCh color $60, 5.296, 198.983$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 5.614, 19.901$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 5.380, 199.101$, and $40, 5.259, 205.492$ is the 20% darker color. If you saturate the color by 10%, you get $59, 10.574, 198.432$, and if you desaturate by 10%, it is $61, 0.284, 17.867$.

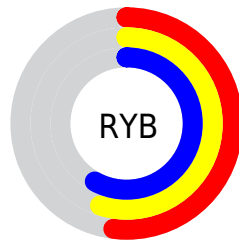
Distribution



Red (52%)

Green (58%)

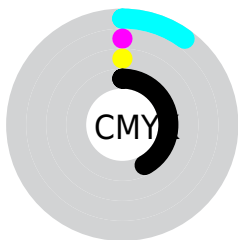
Blue (58%)



Red (52%)

Yellow (55%)

Blue (58%)

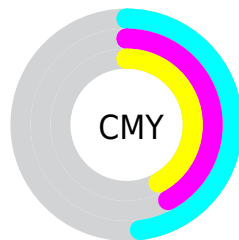


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (48%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 5.296, 198.983 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 60, 5.296, 198.983 by changing the saturation by 10% instead.

60, 5.296, 198.983

60, 5.296, 198.983

100, 5.296,
198.983

50, 5.296, 198.983

80, 5.296, 198.983

40, 5.296, 198.983

90, 5.296, 198.983

30, 5.296, 198.983

20, 5.296, 198.983

10, 5.296, 198.983

0, 5.296, 198.983

60, 5.296, 198.983

60, 5.296, 198.983

59, 10.574,
198.432

61, 0.284, 17.867

62, 6.090, 19.906

■ 58, 15.464,
197.966

■ 64, 12.053, 20.525

■ 57, 19.878,
197.558

■ 65, 18.117, 21.135

■ 57, 23.735,
197.208

■ 67, 24.234, 21.749

■ 56, 26.963,
196.919

■ 70, 36.491, 22.976

■ 56, 29.516,
196.693

■ 72, 42.580, 23.582

■ 55, 31.378,
196.530

■ 72, 44.106, 23.733

■ 55, 32.571,
196.425

■ 55, 33.274,
196.362

Harmonies

Complementary

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



60, 5.296, 198.983



57, 5.614, 19.901

Rectangle

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



60, 5.296, 198.983



60, 5.296, 248.983



60, 5.296, 18.983



60, 5.296, 68.983

Sweetspot

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



60, 5.297, 198.969



77, 2.098, 199.479



60, 9.622, 143.489



41, 1.601, 199.388



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 5.297, 198.969



76, 7.549, 198.868



58, 4.675, 254.838



31, 3.160, 198.987



52, 31.698, 196.359



2, 2.828, 199.407

Inverse Universe

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



57, 5.614, 19.901



71, 8.090, 20.034



59, 4.788, 72.425



29, 3.343, 19.878



28, 65.120, 38.922



1, 2.828, 19.390

Previews

White Background



This preview shows how the CIE LCh color 60, 5.296, 198.983 looks on a white background.

Color Contrast Check

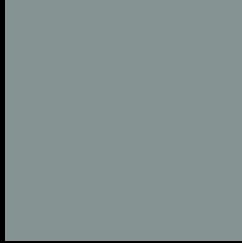
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 60, 5.296, 198.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

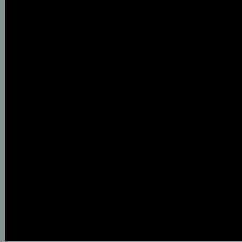
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

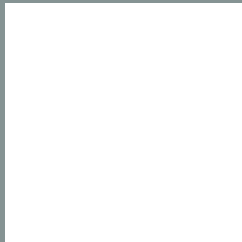
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 5.296, 198.983

Background



This preview shows how black text looks on a background with the CIELCh color 60, 5.296, 198.983.



This preview shows how white text looks on a background with the CIELCh color 60, 5.296, 198.983.

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

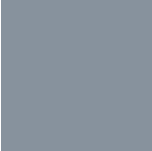
60, 5.296, 198.983

Protanopia

60, 1.305, 353.588

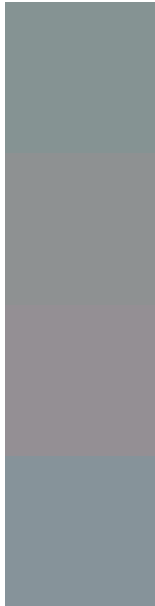
Deuteranopia

60, 8.061, 341.181



Tritanopia
60, 7.335, 257.310

Trichromacy



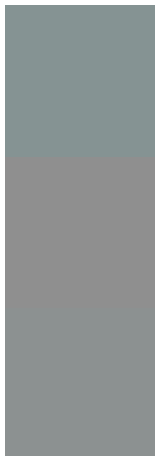
Original Color
60, 5.296, 198.983

Protanomaly
60, 1.279, 225.866

Deuteranomaly
60, 3.445, 324.562

Tritanomaly
60, 6.165, 239.078

Monochromacy



Original Color
60, 5.296, 198.983

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 1.923, 199.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 5.296, 198.983 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(133, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(133, 147, 147)  
}
```

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(133, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 147, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 5.296, 198.983 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(133, 147, 147) }
```

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

```
.border{ border-color:rgb(133, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(133, 147,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 5.296, 198.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 147, 147) }
```

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

```
.background{ background-color: rgb(133,  
147, 147) }
```

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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