

Converting Colors

CIELCh(59, 4.901, 175.052)

Have a look what the booklet for
CIELCh(59, 4.901, 175.052) contains.

CIELCh(59, 5.175, 173.028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 5.175, 173.028)

Conversions

Conversions Part 1

Format	Color
Hex	85918D
RGB	133, 145, 141
RGB Percent	52%, 57%, 55%
CMY	0.4797, 0.4326, 0.4483
CMYK	0.08, 0.00, 0.03, 0.43
HSL	160°, 5%, 54%
HSV	160°, 8%, 57%
XYZ	24.4838, 27.0277, 29.0018
YIQ	140.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

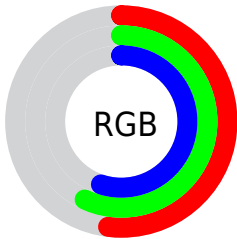
Format	Color
R_{YB}	133, 140, 145
Decimal	8753549
CIE Lab	59.00, -5.14, 0.63
CIE LCh	59, 5.175, 173.028
Yxy	27.0277, 0.3041, 0.3357
Android (android.graphics.Color)	4286943629 (0xFF85918D)
YUV	140.9560, 0.0217, -6.9774
Hunter-Lab	51.9882, -6.9148, 3.3166

Details

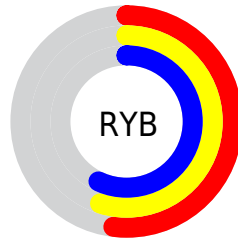
The CIELCh color $59, 5.175, 173.028$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 5.286, 354.368$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 5.211, 174.926$, and $39, 5.570, 172.656$ is the 20% darker color. If you saturate the color by 10%, you get $58, 11.342, 172.035$, and if you desaturate by 10%, it is $60, 1.075, 353.487$.

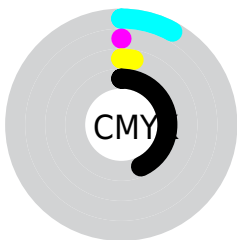
Distribution



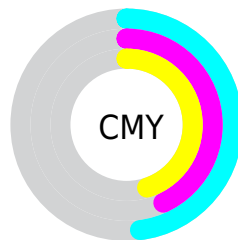
- Red (52%)
- Green (57%)
- Blue (55%)



- Red (52%)
- Yellow (55%)
- Blue (57%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 5.175, 173.028 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 59, 5.175, 173.028 by changing the saturation by 10% instead.

■ 59, 5.175, 173.028

■ 59, 5.175, 173.028

■ 100, 5.175,
173.028

■ 49, 5.175, 173.028

■ 79, 5.175, 173.028

■ 39, 5.175, 173.028

■ 89, 5.175, 173.028

■ 29, 5.175, 173.028

■ 99, 5.175, 173.028

■ 19, 5.175, 173.028

■ 9, 5.175, 173.028

■ 0, 5.175, 173.028

■ 59, 5.175, 173.028

■ 59, 5.175, 173.028

■ 58, 11.342,
172.035

■ 60, 1.075, 353.487

■ 62, 7.344, 354.604

■ 57, 17.342,
171.000

■ 63, 13.580,
355.405

■ 56, 23.084,
169.876

■ 65, 19.741,
356.152

■ 55, 28.469,
168.641

■ 66, 25.800,
356.859

■ 54, 33.399,
167.272

■ 68, 31.736,
357.532

■ 54, 37.792,
165.745

■ 70, 37.538,
358.176

■ 54, 41.587,
164.039

■ 72, 43.199,
358.793

■ 53, 44.769,
162.140

■ 73, 46.106,
357.388

■ 53, 47.453,
160.106

Harmonies

Complementary

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



59, 5.175, 173.028



57, 5.286, 354.368

Rectangle

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



59, 5.175, 173.028



59, 5.175, 223.028



59, 5.175, 353.028



59, 5.175, 43.028

Sweetspot

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



59, 5.176, 173.019



76, 1.551, 173.793



59, 7.467, 133.810



40, 0.879, 173.825



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



59, 5.176, 173.019



75, 7.745, 172.830



59, 3.993, 213.990



30, 3.485, 172.933



50, 45.473, 159.925



2, 2.369, 173.693

Inverse Universe

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



57, 5.286, 354.368



71, 7.945, 354.566



57, 4.203, 33.777



28, 3.567, 354.458



28, 53.594, 16.448



0, 2.370, 353.680

Previews

White Background



This preview shows how the CIELCh color 59, 5.175, 173.028 looks on a white background.

Color Contrast Check

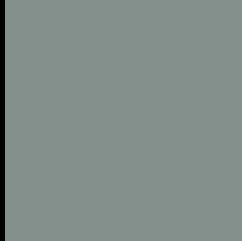
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 5.175, 173.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

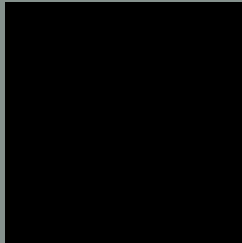
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

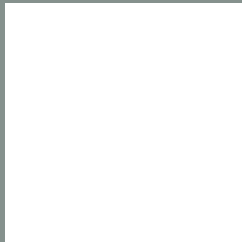
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 5.175, 173.028

Background



This preview shows how black text looks on a background with the CIELCh color 59, 5.175, 173.028.



This preview shows how white text looks on a background with the CIELCh color 59, 5.175, 173.028.

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

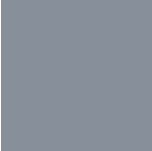
59, 5.175, 173.028

Protanopia

59, 1.927, 55.180

Deuteranopia

59, 7.666, 358.564



Tritanopia
59, 6.844, 265.139

Trichromacy



Original Color
59, 5.175, 173.028

Protanomaly
59, 1.195, 129.087

Deuteranomaly
59, 2.979, 357.258

Tritanomaly
59, 4.664, 236.655

Monochromacy



Original Color
59, 5.175, 173.028

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 1.656, 179.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 5.175, 173.028 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, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 141)  
}
```

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, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 5.175, 173.028 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, 145, 141) }
```

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

```
.border{ border-color:rgb(133, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 141);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 5.175, 173.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 141) }
```

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

```
.background{ background-color: rgb(133,  
145, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor