

Converting Colors

CIELCh(59, 0.844, 198.911)

Have a look what the booklet for
CIELCh(59, 0.844, 198.911) contains.

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Color

CIELCh(59, 0.775, 199.882)

Conversions

Conversions Part 1

Format	Color
Hex	8C8E8E
RGB	140, 142, 142
RGB Percent	55%, 56%, 56%
CMY	0.4495, 0.4417, 0.4417
CMYK	0.01, 0.00, 0.00, 0.44
HSL	180°, 1%, 55%
HSV	180°, 1%, 56%
XYZ	25.5157, 27.0277, 29.6089
YIQ	141.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

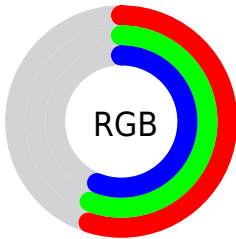
Format	Color
R_{YB}	140, 141, 142
Decimal	9211534
CIE _{Lab}	59.00, -0.73, -0.26
CIE _{LCh}	59, 0.775, 199.882
Yxy	27.0277, 0.3106, 0.3290
Android (android.graphics.Color)	4287401614 (0xFF8C8E8E)
YUV	141.4020, 0.2948, -1.2296
Hunter-Lab	51.9882, -3.3719, 2.6242

Details

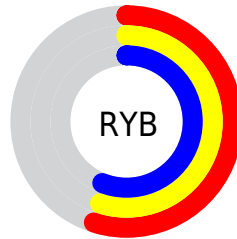
The CIELCh color $59, 0.775, 199.882$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 0.784, 18.839$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 0.730, 200.093$, and $39, 0.836, 199.670$ is the 20% darker color. If you saturate the color by 10%, you get $58, 6.152, 198.768$, and if you desaturate by 10%, it is $60, 4.831, 19.694$.

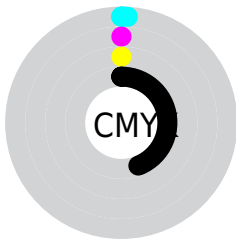
Distribution



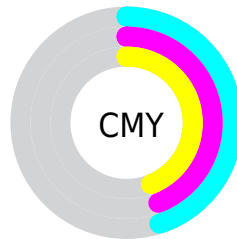
- Red (55%)
- Green (56%)
- Blue (56%)



- Red (55%)
- Yellow (55%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)

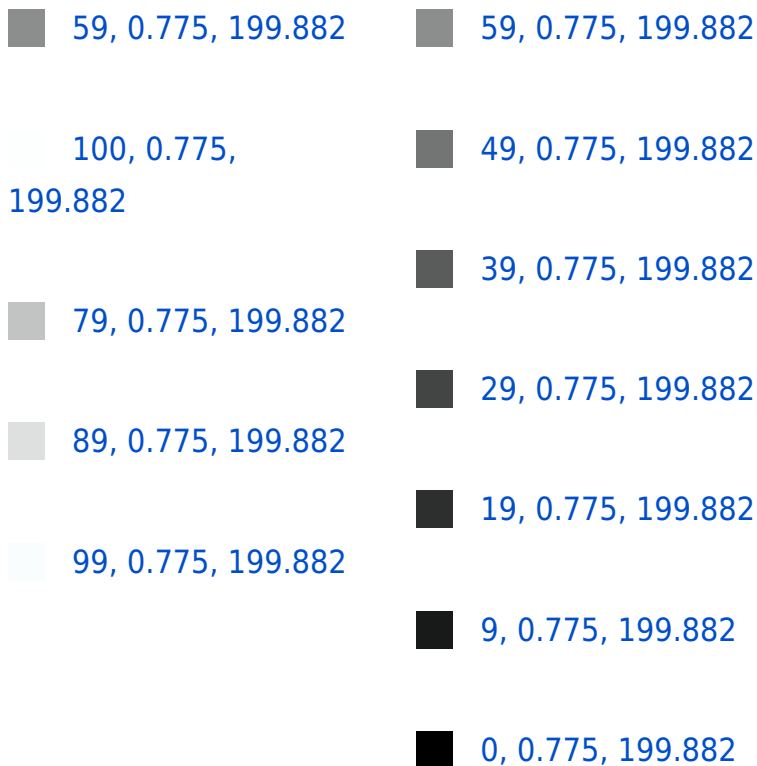


- Cyan (45%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 0.775, 199.882 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, 0.775, 199.882 by changing the saturation by 10% instead.



198.247

63, 16.481, 20.931

56, 15.897,
197.789

64, 22.418, 21.544

55, 20.099,
197.387

66, 28.378, 22.158

55, 23.747,
197.043

68, 34.332, 22.770

54, 26.778,
196.759

71, 46.137, 23.976

54, 29.149,
196.536

71, 46.436, 23.996

54, 30.850,
196.373

53, 31.911,
196.265

Harmonies

Complementary

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



59, 0.775, 199.882



59, 0.784, 18.839

Rectangle

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



59, 0.775, 199.882



59, 0.775, 249.882



59, 0.775, 19.882



59, 0.775, 69.882

Sweetspot

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



59, 0.776, 199.779



76, 0.009, 296.813



59, 1.371, 144.070



40, 0.006, 296.813



88, 0.010, 296.813

Same Dimension

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



59, 0.776, 199.779



75, 1.371, 199.573



59, 0.680, 254.188



30, 0.624, 199.627



51, 31.294, 196.201



2, 2.121, 199.319

Inverse Universe

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



59, 0.784, 18.839



74, 1.390, 19.046



59, 0.672, 72.991



30, 0.632, 18.992



27, 64.091, 38.750



0, 2.121, 19.302

Previews

White Background



This preview shows how the CIELCh color 59, 0.775, 199.882 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 59, 0.775, 199.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

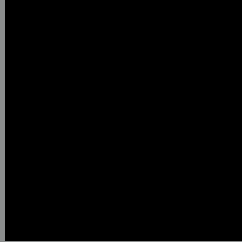
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

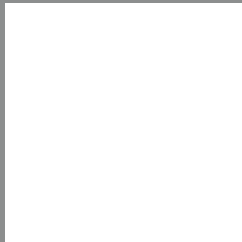
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 0.775, 199.882

Background



This preview shows how black text looks on a background with the CIELCh color 59, 0.775, 199.882.



This preview shows how white text looks on a background with the CIELCh color 59, 0.775, 199.882.

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, 0.775, 199.882

Protanopia

59, 1.310, 353.597

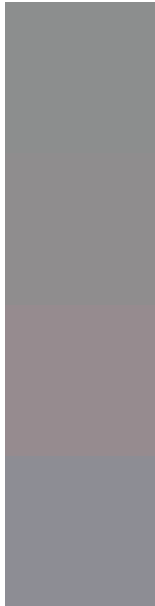
Deuteranopia

59, 7.880, 354.726



Tritanopia
59, 6.257, 294.361

Trichromacy



Original Color

59, 0.775, 199.882

Protanomaly

59, 0.974, 343.436

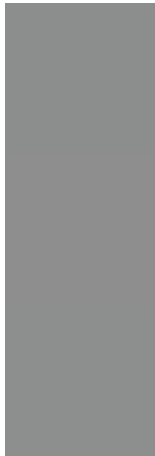
Deuteranomaly

59, 4.890, 352.285

Tritanomaly

59, 3.974, 290.646

Monochromacy



Original Color

59, 0.775, 199.882

Achromatopsia

59, 0.008, 296.813

Achromatomaly

59, 0.388, 200.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 0.775, 199.882 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(140, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(140, 142, 142)  
}
```

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(140, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 142, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 0.775, 199.882 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(140, 142, 142) }
```

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

```
.border{ border-color:rgb(140, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(140, 142,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 0.775, 199.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 142, 142) }
```

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

```
.background{ background-color: rgb(140,  
142, 142) }
```

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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