

Converting Colors

CIELCh(55, 8.660, 311.758)

Have a look what the booklet for
CIELCh(55, 8.660, 311.758) contains.

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Color

CIELCh(55, 8.659, 311.914)

Conversions

Conversions Part 1

Format	Color
Hex	89818F
RGB	137, 129, 143
RGB Percent	54%, 51%, 56%
CMY	0.4635, 0.4949, 0.4400
CMYK	0.04, 0.10, 0.00, 0.44
HSL	274°, 6%, 53%
HSV	274°, 10%, 56%
XYZ	23.0534, 22.9298, 29.1204
YIQ	132.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

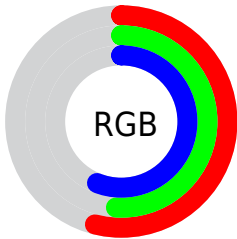
Format	Color
RYB	137, 129, 143
Decimal	9011599
CIELab	55.00, 5.78, -6.44
CIELCh	55, 8.659, 311.914
Yxy	22.9298, 0.3070, 0.3053
Android (android.graphics.Color)	4287201679 (0xFF89818F)
YUV	132.9880, 4.9359, 3.5185
Hunter-Lab	47.8851, 2.1366, -2.5365

Details

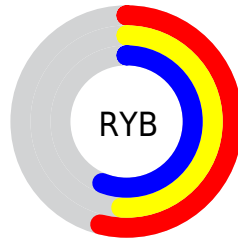
The CIELCh color $55, 8.659, 311.914$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 8.556, 131.130$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 8.651, 310.536$, and $35, 8.658, 310.961$ is the 20% darker color. If you saturate the color by 10%, you get $51, 17.705, 312.359$, and if you desaturate by 10%, it is $59, 0.168, 132.171$.

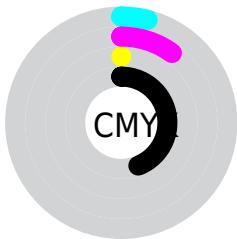
Distribution



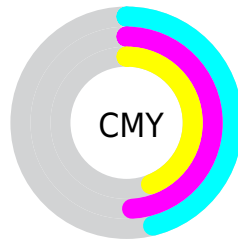
- Red (54%)
- Green (51%)
- Blue (56%)



- Red (54%)
- Yellow (51%)
- Blue (56%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 8.659, 311.914 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 55, 8.659, 311.914 by changing the saturation by 10% instead.

■ 55, 8.659, 311.914

■ 55, 8.659, 311.914

■ 100, 8.659,
311.914

■ 45, 8.659, 311.914

■ 75, 8.659, 311.914

■ 35, 8.659, 311.914

■ 85, 8.659, 311.914

■ 25, 8.659, 311.914

■ 95, 8.659, 311.914

■ 15, 8.659, 311.914

■ 5, 8.659, 311.914

■ 0, 8.659, 311.914

■ 55, 8.659, 311.914

■ 55, 8.659, 311.914

■ 51, 17.705,
312.359

■ 59, 0.168, 132.171

■ 64, 8.749, 131.151

46, 26.928,
312.823

68, 17.081,
130.805

42, 36.242,
313.291

73, 25.165,
130.498

38, 45.500,
313.739

77, 33.008,
130.226

34, 54.466,
314.128

81, 40.621,
129.986

30, 62.785,
314.401

86, 48.015,
129.775

27, 69.977,
314.483

90, 55.201,
129.592

25, 75.500,
314.286

94, 60.906,
129.157

23, 79.571,
313.877

Harmonies

Complementary

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



55, 8.659, 311.914



58, 8.556, 131.130

Rectangle

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



55, 8.659, 311.914



55, 8.659, 1.914



55, 8.659, 131.914



55, 8.659, 181.914

Sweetspot

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



55, 8.657, 311.912



74, 3.267, 311.604



56, 5.049, 263.596



39, 2.497, 311.643



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 8.657, 311.912



69, 13.201, 312.020



56, 9.305, 326.799



28, 4.984, 311.885



21, 76.495, 313.927



0, 3.330, 311.519

Inverse Universe

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



55, 6.552, 348.479



69, 9.994, 348.716



58, 9.288, 145.735



28, 3.772, 348.419



28, 52.679, 7.482



1, 2.515, 347.680

Previews

White Background



This preview shows how the CIELCh color 55, 8.659, 311.914 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 55, 8.659, 311.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

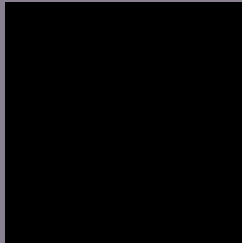
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 8.659, 311.914

Background



This preview shows how black text looks on a background with the CIELCh color 55, 8.659, 311.914.



This preview shows how white text looks on a background with the CIELCh color 55, 8.659, 311.914.

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


55, 8.659, 311.914

Protanopia

55, 7.476, 288.180

Deuteranopia

55, 9.661, 317.195



Tritanopia
55, 6.919, 313.981

Trichromacy



Original Color
55, 8.659, 311.914

Protanomaly
55, 8.103, 296.530

Deuteranomaly
55, 9.497, 315.079

Tritanomaly
55, 7.450, 312.257

Monochromacy



Original Color
55, 8.659, 311.914

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 3.658, 309.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 8.659, 311.914 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(137, 129, 143)` looks like.

```
.text, #text, p{  
    color:rgb(137, 129, 143)  
}
```

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(137, 129, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 129, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 8.659, 311.914 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(137, 129, 143) }
```

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

```
.border{ border-color:rgb(137, 129, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 129, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 129, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 129, 143);  
box-shadow:4px 4px 4px 4px rgb(137, 129,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 8.659, 311.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 129, 143) }
```

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

```
.background{ background-color: rgb(137,  
129, 143) }
```

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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