Converting Colors

CIELCh(59, 1.284, 199.219)

Have a look what the booklet for CIELCh(59, 1.284, 199.219) contains.

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Color

CIELCh(59, 1.544, 199.534)

Conversions

Conversions Part 1

Format	Color
Hex	8B8F8F
RGB	139, 143, 143
RGB Percent	55%, 56%, 56%
CMY	0.4557, 0.4400, 0.4401
CMYK	0.03, 0.00, 0.00, 0.44
HSL	180°, 2%, 55%
HSV	180°, 3%, 56%
XYZ	25.3437, 27.0277, 29.7825
YIQ	141.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

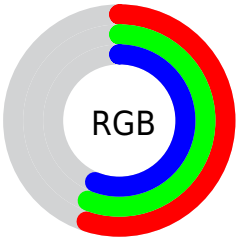
Format	Color
RYB	139, 141, 143
Decimal	9146255
CIELab	59.00, -1.46, -0.52
CIELCh	59, 1.544, 199.534
Yxy	27.0277, 0.3085, 0.3290
Android (android.graphics.Color)	4287336335 (0xFF8B8F8F)
YUV	141.8040, 0.5896, -2.4591
Hunter-Lab	51.9882, -3.9624, 2.4263

Details

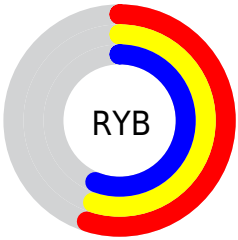
The CIELCh color 59, 1.544, 199.534 is a dark color, and the websafe version is hex 999999. A complement of this color would be 58, 1.573, 19.247, and the grayscale version is 59, 0.008, 296.813.

A 20% lighter version of the original color is 79, 1.820, 199.565, and 39, 1.663, 199.375 is the 20% darker color. If you saturate the color by 10%, you get 58, 6.895, 198.746, and if you desaturate by 10%, it is 60, 4.048, 19.650.

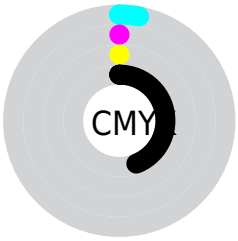
Distribution



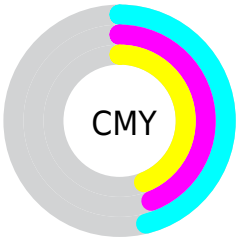
- Red (55%)
- Green (56%)
- Blue (56%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 1.544, 199.534 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, 1.544, 199.534 by changing the saturation by 10% instead.

59, 1.544, 199.534

100, 1.544, 199.534

79, 1.544, 199.534

89, 1.544, 199.534

99, 1.544, 199.534

59, 1.544, 199.534

49, 1.544, 199.534

39, 1.544, 199.534

29, 1.544, 199.534

19, 1.544, 199.534

9, 1.544, 199.534

0, 1.544, 199.534

59, 1.544, 199.534

58, 6.895, 198.746

57, 11.925,

59, 1.544, 199.534

60, 4.048, 19.650

61, 9.814, 20.288

198.238

56, 16.550, 197.790

55, 20.687, 197.399

55, 24.259, 197.067

54, 27.203, 196.796

54, 29.483, 196.587

54, 31.092, 196.438

54, 32.069, 196.345

63, 15.695, 20.897

64, 21.642, 21.508

66, 27.616, 22.122

68, 33.588, 22.734

69, 39.533, 23.342

71, 45.437, 23.942

71, 46.251, 24.019

Harmonies

Complementary

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

59, 1.544, 199.534

58, 1.573, 19.247

Rectangle

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

59, 1.544, 199.534

59, 1.544, 249.534

59, 1.544, 19.534

59, 1.544, 69.534

Sweetspot

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

59, 1.545, 199.483

75, 0.686, 200.063

59, 2.747, 143.923

40, 0.393, 200.118

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, 1.545, 199.483

75, 2.052, 199.445

58, 1.352, 254.138

30, 1.243, 199.371

51, 31.280, 196.298

2, 2.121, 199.372

Inverse Universe

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

58, 1.573, 19.247

74, 2.092, 19.285

59, 1.351, 73.051

29, 1.272, 19.363

27, 64.112, 38.775

0, 2.121, 19.356

Previews

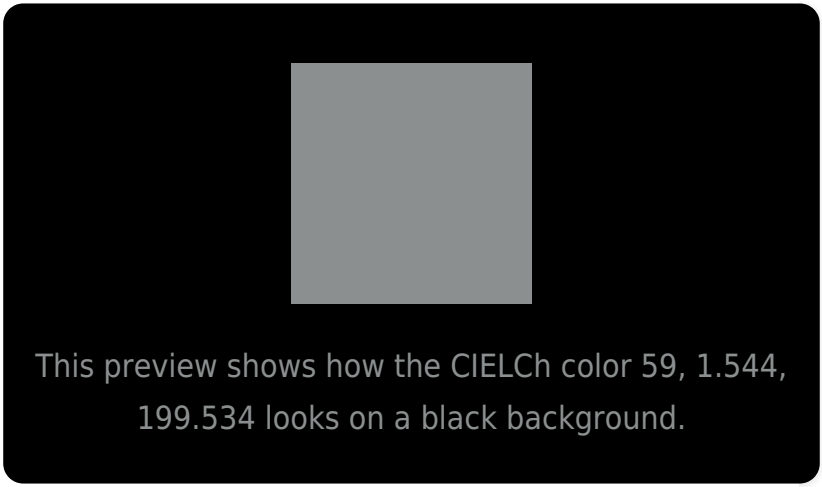
White Background

This preview shows how the CIELCh color 59, 1.544, 199.534 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



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, 1.544, 199.534

Background

This preview shows how black text looks on a background with the CIELCh color 59, 1.544, 199.534.

This preview shows how white text looks on a background with the CIELCh color 59, 1.544, 199.534.

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, 1.544, 199.534

Protanopia
59, 1.310, 353.597

Deuteranopia
59, 8.127, 351.109

Tritanopia
59, 6.246, 287.441

Trichromacy

Original Color
59, 1.544, 199.534

Protanomaly
59, 0.008, 296.813

Deuteranomaly
59, 4.848, 344.123

Tritanomaly
59, 4.029, 279.764

Monochromacy

Original Color
59, 1.544, 199.534

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, 1.544, 199.534 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(139, 143, 143) looks like.

```
.text, #text, p{
    color:rgb(139, 143, 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(139, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 1.544, 199.534 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(139, 143, 143) }
```

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

```
.border{ border-color:rgb(139, 143, 143) }
```

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

Here you see how a box with a 4 pixel rgb(139, 143, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 143, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 143, 143); box-shadow:4px 4px 4px 4px rgb(139, 143, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 1.544, 199.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(139, 143, 143) }
```

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

```
.background{ background-color:rgb(139, 143, 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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