

Converting Colors

CIELCh(58, 0.451, 236.558)

Have a look what the booklet for
CIELCh(58, 0.451, 236.558) contains.

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Color

CIELCh(58, 0.389, 200.459)

Conversions

Conversions Part 1

Format	Color
Hex	8B8C8C
RGB	139, 140, 140
RGB Percent	55%, 55%, 55%
CMY	0.4566, 0.4527, 0.4527
CMYK	0.01, 0.00, 0.00, 0.45
HSL	180°, 0%, 55%
HSV	180°, 1%, 55%
XYZ	24.5907, 25.9610, 28.3576
YIQ	139.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	139, 140, 140
Decimal	9145484
CIE Lab	58.00, -0.36, -0.14
CIE LCh	58, 0.389, 200.459
Yxy	25.9610, 0.3116, 0.3290
Android (android.graphics.Color)	4287335564 (0xFF8B8C8C)
YUV	139.7010, 0.1474, -0.6148
Hunter-Lab	50.9519, -3.0174, 2.6682

Details

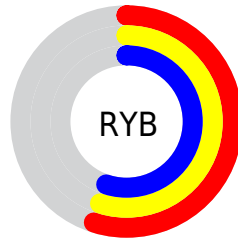
The CIELCh color $58, 0.389, 200.459$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 0.394, 18.179$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 0.908, 164.004$, and $38, 0.420, 200.086$ is the 20% darker color. If you saturate the color by 10%, you get $57, 5.698, 198.712$, and if you desaturate by 10%, it is $59, 5.140, 19.647$.

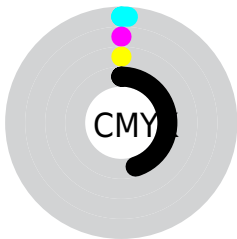
Distribution



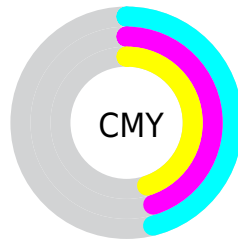
- Red (55%)
- Green (55%)
- Blue (55%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 0.389, 200.459 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 58, 0.389, 200.459 by changing the saturation by 10% instead.

■ 58, 0.389, 200.459

■ 58, 0.389, 200.459

■ 100, 0.389,
200.459

■ 48, 0.389, 200.459

■ 78, 0.389, 200.459

■ 38, 0.389, 200.459

■ 88, 0.389, 200.459

■ 28, 0.389, 200.459

■ 98, 0.389, 200.459

■ 18, 0.389, 200.459

■ 8, 0.389, 200.459

■ 0, 0.389, 200.459

■ 58, 0.389, 200.459

■ 58, 0.389, 200.459

■ 57, 5.698, 198.712

■ 59, 5.140, 19.647

■ 56, 10.709,

■ 60, 10.826, 20.272

198.182

62, 16.613, 20.883

55, 15.344,
197.716

63, 22.455, 21.496

54, 19.519,
197.305

65, 28.316, 22.110

54, 23.156,
196.951

67, 34.170, 22.722

53, 26.190,
196.655

70, 45.773, 23.927

53, 28.579,
196.419

71, 47.738, 24.116

53, 30.310,
196.241

52, 31.409,
196.116

Harmonies

Complementary

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



58, 0.389, 200.459



58, 0.394, 18.179

Rectangle

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



58, 0.389, 200.459



58, 0.389, 250.459



58, 0.389, 20.459



58, 0.389, 70.459

Sweetspot

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



58, 0.390, 200.254



74, 0.009, 296.813



58, 0.685, 144.246



39, 0.006, 296.813



88, 0.010, 296.813

Same Dimension

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



58, 0.390, 200.254



74, 0.671, 199.916



58, 0.345, 254.520



29, 0.303, 200.011



50, 30.890, 196.034



1, 1.414, 199.225

Inverse Universe

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



58, 0.394, 18.179



73, 0.677, 18.515



58, 0.334, 72.637



29, 0.306, 18.420



27, 63.055, 38.566



0, 1.414, 19.208

Previews

White Background



This preview shows how the CIELCh color 58, 0.389, 200.459 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 58, 0.389, 200.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

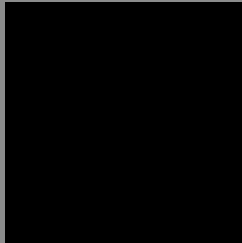
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

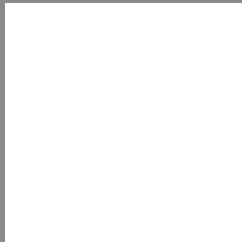
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 0.389, 200.459

Background



This preview shows how black text looks on a background with the CIELCh color 58, 0.389, 200.459.



This preview shows how white text looks on a background with the CIELCh color 58, 0.389, 200.459.

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

58, 0.389, 200.459

Protanopia

58, 1.177, 19.165

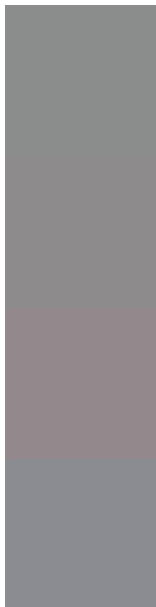
Deuteranopia

58, 7.316, 357.366



Tritanopia
58, 6.321, 297.813

Trichromacy



Original Color
58, 0.389, 200.459

Protanomaly
58, 0.784, 18.946

Deuteranomaly
58, 4.304, 356.490

Tritanomaly
58, 3.984, 290.651

Monochromacy



Original Color
58, 0.389, 200.459

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 0.007, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 0.389, 200.459 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, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(139, 140, 140)  
}
```

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, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 140, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 0.389, 200.459 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, 140, 140) }
```

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

```
.border{ border-color:rgb(139, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(139, 140,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 0.389, 200.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 140, 140) }
```

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

```
.background{ background-color: rgb(139,  
140, 140) }
```

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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