

Converting Colors

CIELCh(58, 3.532, 256.391)

Have a look what the booklet for
CIELCh(58, 3.532, 256.391) contains.

CIELCh(58, 3.396, 256.354)	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(58, 3.396, 256.354)

Conversions

Conversions Part 1

Format	Color
Hex	878C91
RGB	135, 140, 145
RGB Percent	53%, 55%, 57%
CMY	0.4705, 0.4509, 0.4313
CMYK	0.07, 0.03, 0.00, 0.43
HSL	210°, 4%, 55%
HSV	210°, 7%, 57%
XYZ	24.4897, 25.9610, 30.5178
YIQ	139.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

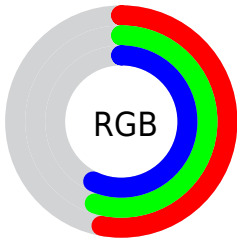
Format	Color
R_{YB}	135, 138, 145
Decimal	8883345
CIE Lab	58.00, -0.80, -3.30
CIE LCh	58, 3.396, 256.354
Yxy	25.9610, 0.3025, 0.3206
Android (android.graphics.Color)	4287073425 (0xFF878C91)
YUV	139.0750, 2.9210, -3.5738
Hunter-Lab	50.9519, -3.3712, 0.1544

Details

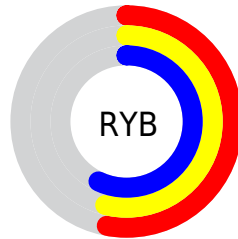
The CIELCh color **58, 3.396, 256.354** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **59, 3.442, 74.499**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 3.417, 251.113**, and **38, 3.656, 256.751** is the 20% darker color. If you saturate the color by 10%, you get **55, 8.275, 257.698**, and if you desaturate by 10%, it is **61, 1.525, 74.847**.

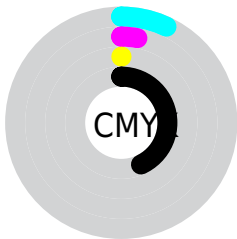
Distribution



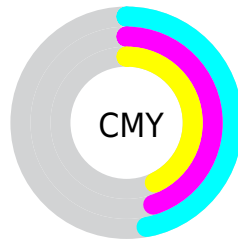
- Red (53%)
- Green (55%)
- Blue (57%)



- Red (53%)
- Yellow (54%)
- Blue (57%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (47%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 3.396, 256.354 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, 3.396, 256.354 by changing the saturation by 10% instead.

■ 58, 3.396, 256.354

■ 58, 3.396, 256.354

■ 100, 3.396,
256.354

■ 48, 3.396, 256.354

■ 78, 3.396, 256.354

■ 38, 3.396, 256.354

■ 88, 3.396, 256.354

■ 28, 3.396, 256.354

■ 98, 3.396, 256.354

■ 18, 3.396, 256.354

■ 8, 3.396, 256.354

■ 0, 3.396, 256.354

■ 58, 3.396, 256.354

■ 58, 3.396, 256.354

■ 55, 8.275, 257.698

■ 61, 1.525, 74.847

■ 52, 13.096,

■ 64, 6.469, 73.961

259.361

68, 11.420, 73.091

49, 17.840,
261.341

71, 16.364, 72.327

46, 22.494,
263.691

74, 21.291, 71.657

43, 27.058,
266.462

77, 26.191, 71.065

40, 31.545,
269.695

80, 31.058, 70.540

37, 35.994,
273.396

83, 35.885, 70.071

34, 40.467,
277.512

32, 45.045,
281.846

Harmonies

Complementary

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



58, 3.396, 256.354



59, 3.442, 74.499

Rectangle

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



58, 3.396, 256.354



58, 3.396, 306.354



58, 3.396, 76.354



58, 3.396, 126.354

Sweetspot

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



58, 3.395, 256.330



76, 1.228, 255.922



59, 4.883, 162.283



40, 0.696, 255.925



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 3.395, 256.330



73, 4.879, 256.484



57, 5.621, 290.202



29, 2.742, 256.611



29, 43.910, 282.779



1, 1.860, 255.402

Inverse Universe

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



57, 4.874, 344.126



72, 7.020, 344.242



60, 5.530, 108.851



28, 3.951, 344.332



28, 52.997, 0.784



1, 2.640, 343.635

Previews

White Background



This preview shows how the CIELCh color 58, 3.396, 256.354 looks on a white background.

Color Contrast Check

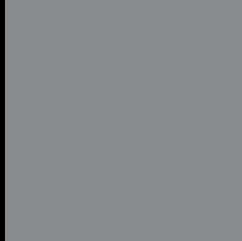
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.396, 256.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

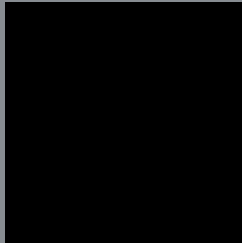
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

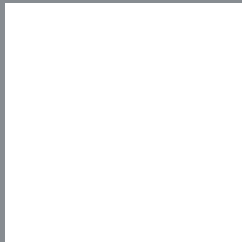
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 3.396, 256.354

Background



This preview shows how black text looks on a background with the CIELCh color 58, 3.396, 256.354.



This preview shows how white text looks on a background with the CIELCh color 58, 3.396, 256.354.

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

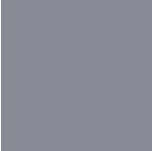
58, 3.396, 256.354

Protanopia

58, 3.516, 303.254

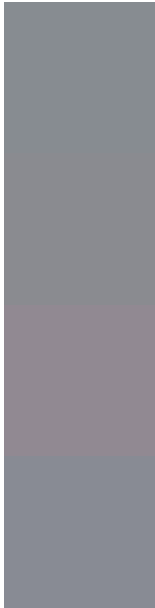
Deuteranopia

58, 8.587, 333.586



Tritanopia
58, 6.339, 280.648

Trichromacy



Original Color

58, 3.396, 256.354

Protanomaly

58, 2.868, 282.823

Deuteranomaly

58, 6.014, 321.656

Tritanomaly

58, 5.226, 278.226

Monochromacy



Original Color

58, 3.396, 256.354

Achromatopsia

58, 0.007, 296.813

Achromatomaly

58, 1.202, 271.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 3.396, 256.354 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(135, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(135, 140, 145)  
}
```

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(135, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 140, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 3.396, 256.354 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(135, 140, 145) }
```

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

```
.border{ border-color:rgb(135, 140, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 140, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(135, 140,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 3.396, 256.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 140, 145) }
```

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

```
.background{ background-color: rgb(135,  
140, 145) }
```

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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