

Converting Colors

CIELCh(59, 11.435, 135.916)

Have a look what the booklet for
CIELCh(59, 11.435, 135.916)
contains.

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Color

CIELCh(59, 11.435, 135.916)

Conversions

Conversions Part 1

Format	Color
Hex	859280
RGB	133, 146, 128
RGB Percent	52%, 57%, 50%
CMY	0.4791, 0.4281, 0.4987
CMYK	0.09, 0.00, 0.12, 0.43
HSL	103°, 8%, 54%
HSV	103°, 12%, 57%
XYZ	23.7802, 27.0277, 24.3244
YIQ	140.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

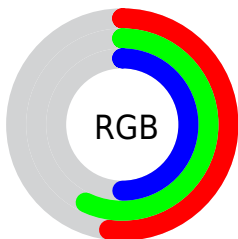
Format	Color
R_YB	128, 146, 141
Decimal	8753792
CIE Lab	59.00, -8.21, 7.96
CIE LCh	59, 11.435, 135.916
Yxy	27.0277, 0.3165, 0.3597
Android (android.graphics.Color)	4286943872 (0xFF859280)
YUV	140.0610, -5.9461, -6.1925
Hunter-Lab	51.9882, -9.3307, 8.6510

Details

The CIELCh color $59, 11.435, 135.916$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 11.539, 316.929$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 11.423, 136.490$, and $39, 11.807, 136.983$ is the 20% darker color. If you saturate the color by 10%, you get $58, 20.754, 135.426$, and if you desaturate by 10%, it is $60, 2.155, 136.409$.

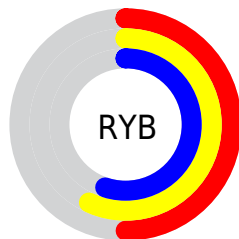
Distribution



Red (52%)

Green (57%)

Blue (50%)



Red (50%)

Yellow (57%)

Blue (55%)

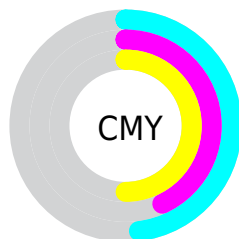


Cyan (9%)

Magenta (0%)

Yellow (12%)

Black (43%)



Cyan (48%)


Magenta (43%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 11.435, 135.916 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, 11.435, 135.916 by changing the saturation by 10% instead.


 59, 11.435,
135.916


 59, 11.435,
135.916


 100, 11.435,
135.916


 49, 11.435,
135.916


 79, 11.435,
135.916

 39, 11.435,
135.916

 89, 11.435,
135.916

 29, 11.435,
135.916

 99, 11.435,
135.916

 19, 11.435,
135.916

 9, 11.435, 135.916

 0, 11.435, 135.916

■ 59, 11.435,
135.916

■ 59, 11.435,
135.916

■ 58, 20.754,
135.426

■ 60, 2.155, 136.409

■ 57, 30.017,
134.893

■ 61, 7.027, 316.704

■ 56, 39.103,
134.331

■ 63, 16.064,
317.052

■ 55, 47.840,
133.771

■ 64, 24.924,
317.348

■ 55, 55.998,
133.265

■ 66, 33.590,
317.602

■ 54, 63.267,
132.898

■ 67, 42.049,
317.820


■ 54, 69.276,
132.784


■ 69, 50.297,
318.007

■ 53, 73.669,

■ 71, 58.334,
318.166

133.036

 72, 64.284,
319.107

 53, 76.231,
133.311

Harmonies

Complementary

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



59, 11.435, 135.916



55, 11.539, 316.929

Rectangle

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



59, 11.435, 135.916



59, 11.435, 185.916



59, 11.435, 315.916



59, 11.435, 5.916

Sweetspot

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



59, 11.437, 135.918



76, 4.551, 136.308



59, 7.566, 93.445



40, 3.226, 136.273



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, 11.437, 135.918



74, 17.169, 135.776



59, 10.710, 150.335



31, 5.287, 136.064



50, 73.057, 133.246



2, 4.617, 136.436

Inverse Universe

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



55, 11.539, 316.929



69, 17.351, 317.056



56, 10.749, 331.855



29, 5.326, 316.794



25, 75.340, 318.290



1, 4.617, 316.432

Previews

White Background



This preview shows how the CIELCh color 59, 11.435, 135.916 looks on a white background.

Color Contrast Check

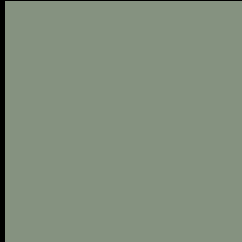
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.435, 135.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

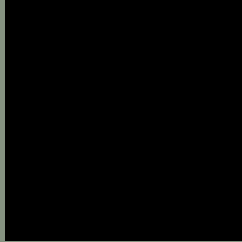
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

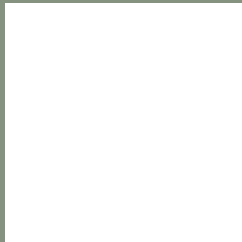
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 11.435, 135.916

Background



This preview shows how black text looks on a background with the CIELCh color 59, 11.435, 135.916.



This preview shows how white text looks on a background with the CIELCh color 59, 11.435, 135.916.

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](#).

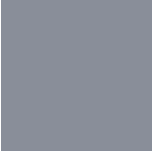
Dichromacy



Original Color
59, 11.435, 135.916

Protanopia
59, 8.930, 90.501

Deuteranopia
59, 10.244, 42.797



Tritanopia
59, 6.474, 274.109

Trichromacy



Original Color
59, 11.435, 135.916

Protanomaly
59, 9.030, 111.696

Deuteranomaly
59, 7.421, 76.216

Tritanomaly
59, 3.104, 209.790

Monochromacy



Original Color
59, 11.435, 135.916

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.940, 139.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 11.435, 135.916 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(133, 146, 128)` looks like.

```
.text, #text, p{  
    color:rgb(133, 146, 128)  
}
```

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(133, 146, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 146, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 11.435, 135.916 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(133, 146, 128) }
```

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

```
.border{ border-color:rgb(133, 146, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 146, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 146, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 146, 128);  
box-shadow:4px 4px 4px 4px rgb(133, 146,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 11.435, 135.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 146, 128) }
```

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

```
.background{ background-color: rgb(133,  
146, 128) }
```

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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