

Converting Colors

CIELCh(60, 3.366, 198.205)

Have a look what the booklet for
CIELCh(60, 3.366, 198.205) contains.

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Color

CIELCh(60, 3.059, 199.254)

Conversions

Conversions Part 1	
Format	Color
Hex	8A9292
RGB	138, 146, 146
RGB Percent	54%, 57%, 57%
CMY	0.4580, 0.4266, 0.4266
CMYK	0.05, 0.00, 0.00, 0.43
HSL	180°, 4%, 56%
HSV	180°, 5%, 57%
XYZ	26.0297, 28.1233, 31.3342
YIQ	143.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

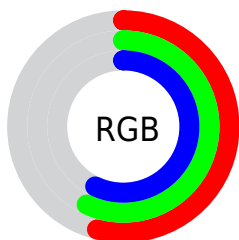
Format	Color
RYB	138, 142, 146
Decimal	9081490
CIELab	60.00, -2.89, -1.01
CIELCh	60, 3.059, 199.254
Yxy	28.1233, 0.3045, 0.3290
Android (android.graphics.Color)	4287271570 (0xFF8A9292)
YUV	143.6080, 1.1793, -4.9182
Hunter-Lab	53.0314, -5.1911, 2.0899

Details

The CIELCh color $60, 3.059, 199.254$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 3.164, 19.567$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 3.253, 199.327$, and $40, 3.278, 199.080$ is the 20% darker color. If you saturate the color by 10%, you get $59, 8.434, 198.626$, and if you desaturate by 10%, it is $61, 2.583, 19.461$.

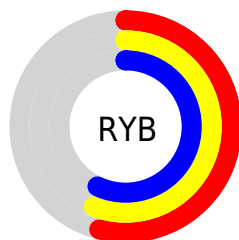
Distribution



Red (54%)

Green (57%)

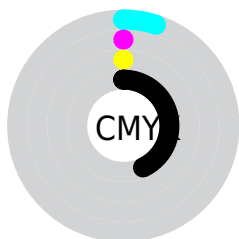
Blue (57%)



Red (54%)

Yellow (56%)

Blue (57%)

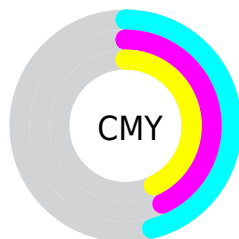


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (43%)



Cyan (46%)

Magenta (43%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 3.059, 199.254 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 60, 3.059, 199.254 by changing the saturation by 10% instead.

 60, 3.059, 199.254

 60, 3.059, 199.254

 100, 3.059,
199.254

 50, 3.059, 199.254

 80, 3.059, 199.254

 40, 3.059, 199.254

 90, 3.059, 199.254

 30, 3.059, 199.254

 20, 3.059, 199.254

 10, 3.059, 199.254

 0, 3.059, 199.254

 60, 3.059, 199.254

 60, 3.059, 199.254

 59, 8.434, 198.626

 61, 2.583, 19.461

 58, 13.458,

 62, 8.422, 20.149

198.136	64, 14.392, 20.760
57, 18.046, 197.704	65, 20.442, 21.371
56, 22.112, 197.330	67, 26.530, 21.985
56, 25.580, 197.015	69, 32.622, 22.599
55, 28.394, 196.763	70, 38.693, 23.209
55, 30.523, 196.574	72, 44.655, 23.805
55, 31.974, 196.444	72, 44.654, 23.802
55, 32.813, 196.368	

Harmonies

Complementary

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



60, 3.059, 199.254



58, 3.164, 19.567

Rectangle

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



60, 3.059, 199.254



60, 3.059, 249.254



60, 3.059, 19.254



60, 3.059, 69.254

Sweetspot

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



60, 3.060, 199.229



77, 1.401, 199.650



60, 5.488, 143.740



41, 0.803, 199.682



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 3.060, 199.229



76, 4.852, 199.107



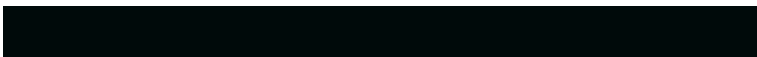
59, 2.683, 254.361



31, 2.539, 199.093



52, 31.701, 196.340



2, 2.828, 199.396

Inverse Universe

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



58, 3.164, 19.567



74, 5.068, 19.706



59, 2.712, 72.848



29, 2.655, 19.724



28, 65.116, 38.917



1, 2.828, 19.379

Previews

White Background



This preview shows how the CIE LCh color 60, 3.059, 199.254 looks on a white background.

Color Contrast Check

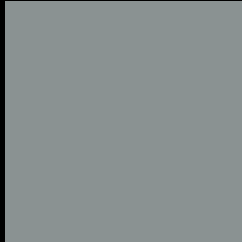
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 3.059, 199.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

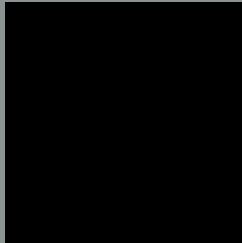
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

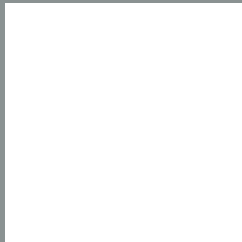
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 3.059, 199.254

Background



This preview shows how black text looks on a background with the CIELCh color 60, 3.059, 199.254.



This preview shows how white text looks on a background with the CIELCh color 60, 3.059, 199.254.

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

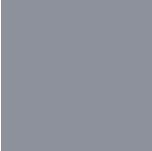
60, 3.059, 199.254

Protanopia

60, 1.305, 353.588

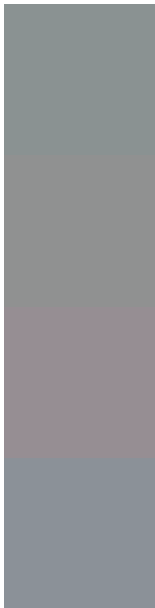
Deuteranopia

60, 7.754, 349.610



Tritanopia
60, 6.450, 274.084

Trichromacy



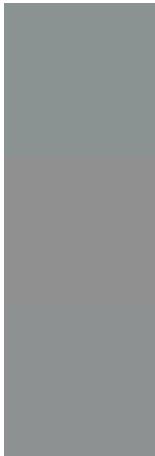
Original Color
60, 3.059, 199.254

Protanomaly
60, 0.386, 200.495

Deuteranomaly
60, 4.223, 337.794

Tritanomaly
60, 4.517, 260.625

Monochromacy



Original Color
60, 3.059, 199.254

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 1.157, 199.670

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 60, 3.059, 199.254 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(138, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(138, 146, 146)  
}
```

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(138, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 146, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 3.059, 199.254 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(138, 146, 146) }
```

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

```
.border{ border-color:rgb(138, 146, 146) }
```

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

Here you see how a box with a 4 pixel rgb(138, 146, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(138, 146,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 3.059, 199.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 146, 146) }
```

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

```
.background{ background-color: rgb(138,  
146, 146) }
```

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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