

Converting Colors

CIELCh(60, 4.347, 171.455)

Have a look what the booklet for
CIELCh(60, 4.347, 171.455) contains.

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Color

CIELCh(60, 4.491, 168.908)

Conversions

Conversions Part 1

Format	Color
Hex	89938F
RGB	137, 147, 143
RGB Percent	54%, 58%, 56%
CMY	0.4632, 0.4239, 0.4396
CMYK	0.07, 0.00, 0.03, 0.42
HSL	156°, 4%, 56%
HSV	156°, 7%, 58%
XYZ	25.6660, 28.1233, 30.0198
YIQ	143.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

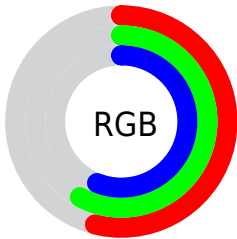
Format	Color
RYB	137, 143, 147
Decimal	9016207
CIELab	60.00, -4.41, 0.86
CIElCh	60, 4.491, 168.908
Yxy	28.1233, 0.3062, 0.3356
Android (android.graphics.Color)	4287206287 (0xFF89938F)
YUV	143.5540, -0.2731, -5.7479
Hunter-Lab	53.0314, -6.4151, 3.5594

Details

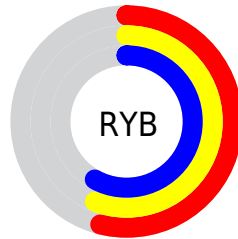
The CIELCh color $60, 4.491, 168.908$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 4.557, 349.922$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 4.554, 171.316$, and $40, 4.177, 172.959$ is the 20% darker color. If you saturate the color by 10%, you get $59, 11.057, 167.933$, and if you desaturate by 10%, it is $61, 2.114, 349.502$.

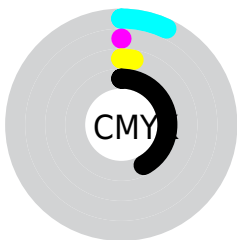
Distribution



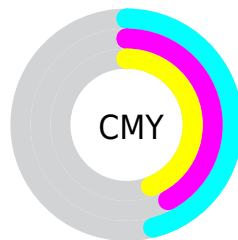
- Red (54%)
- Green (58%)
- Blue (56%)



- Red (54%)
- Yellow (56%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (46%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 4.491, 168.908 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, 4.491, 168.908 by changing the saturation by 10% instead.

■ 60, 4.491, 168.908

■ 60, 4.491, 168.908

■ 100, 4.491,
168.908

■ 50, 4.491, 168.908

■ 80, 4.491, 168.908

■ 40, 4.491, 168.908

■ 90, 4.491, 168.908

■ 30, 4.491, 168.908

■ 20, 4.491, 168.908

■ 10, 4.491, 168.908

■ 0, 4.491, 168.908

■ 60, 4.491, 168.908

■ 60, 4.491, 168.908

■ 59, 11.057,
167.933

■ 61, 2.114, 349.502

■ 63, 8.696, 350.415

■ 58, 17.502,
166.916

■ 64, 15.207,
351.169

■ 57, 23.732,
165.802

■ 66, 21.607,
351.868

■ 56, 29.644,
164.567

■ 68, 27.874,
352.525

■ 55, 35.135,
163.188

■ 70, 33.991,
353.148

■ 55, 40.108,
161.640

■ 71, 39.948,
353.740

■ 54, 44.492,
159.904

■ 73, 45.744,
354.304

■ 54, 48.256,
157.968

■ 74, 47.110,
350.935

■ 54, 51.461,
155.865

Harmonies

Complementary

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



60, 4.491, 168.908



58, 4.557, 349.922

Rectangle

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



60, 4.491, 168.908



60, 4.491, 218.908



60, 4.491, 348.908



60, 4.491, 38.908

Sweetspot

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



60, 4.492, 168.899



77, 1.633, 169.495



60, 6.095, 131.668



41, 0.936, 169.523



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, 4.492, 168.899



76, 6.546, 168.766



60, 3.514, 206.910



31, 3.747, 168.665



50, 49.906, 155.366



2, 3.291, 169.415

Inverse Universe

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



58, 4.557, 349.922



73, 6.654, 350.058



58, 3.666, 27.040



29, 3.816, 350.162



29, 53.520, 10.285



1, 3.291, 349.403

Previews

White Background



This preview shows how the CIELCh color 60, 4.491, 168.908 looks on a white background.

Color Contrast Check

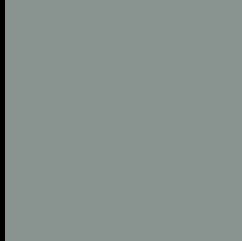
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.491, 168.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

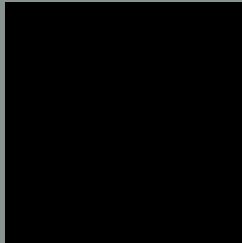
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

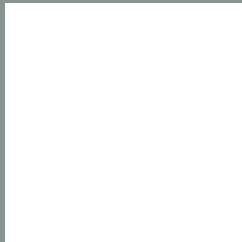
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 4.491, 168.908

Background



This preview shows how black text looks on a background with the CIELCh color 60, 4.491, 168.908.



This preview shows how white text looks on a background with the CIELCh color 60, 4.491, 168.908.

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

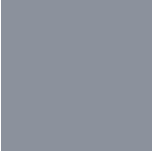
60, 4.491, 168.908

Protanopia

60, 2.294, 66.665

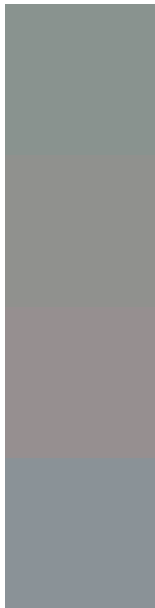
Deuteranopia

60, 7.461, 2.584



Tritanopia
60, 6.559, 270.974

Trichromacy



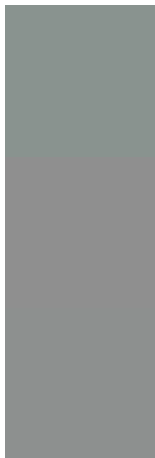
Original Color
60, 4.491, 168.908

Protanomaly
60, 1.732, 122.969

Deuteranomaly
60, 2.802, 7.942

Tritanomaly
60, 4.091, 243.001

Monochromacy



Original Color
60, 4.491, 168.908

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 1.296, 173.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 4.491, 168.908 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(137, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(137, 147, 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(137, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 147, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 4.491, 168.908 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(137, 147, 143) }
```

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

```
.border{ border-color:rgb(137, 147, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 147, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(137, 147,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 4.491, 168.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 147, 143) }
```

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

```
.background{ background-color: rgb(137,  
147, 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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