

Converting Colors

CIELCh(59, 4.848, 233.763)

Have a look what the booklet for
CIELCh(59, 4.848, 233.763) contains.

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Color

CIELCh(59, 4.962, 234.040)

Conversions

Conversions Part 1

Format	Color
Hex	859095
RGB	133, 144, 149
RGB Percent	52%, 56%, 58%
CMY	0.4791, 0.4360, 0.4164
CMYK	0.11, 0.03, 0.00, 0.42
HSL	199°, 7%, 55%
HSV	199°, 11%, 58%
XYZ	25.0007, 27.0277, 32.2568
YIQ	141.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

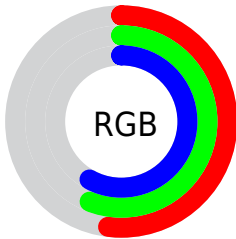
Format	Color
RYB	133, 140, 149
Decimal	8753301
CIELab	59.00, -2.91, -4.02
CIElCh	59, 4.962, 234.040
Yxy	27.0277, 0.2966, 0.3207
Android (android.graphics.Color)	4286943381 (0xFF859095)
YUV	141.2810, 3.8055, -7.2624
Hunter-Lab	51.9882, -5.1403, -0.3956

Details

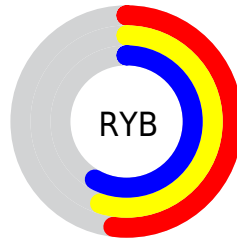
The CIELCh color $59, 4.962, 234.040$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 5.243, 52.283$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 5.004, 231.527$, and $39, 4.990, 228.430$ is the 20% darker color. If you saturate the color by 10%, you get $57, 9.372, 234.990$, and if you desaturate by 10%, it is $61, 0.355, 234.269$.

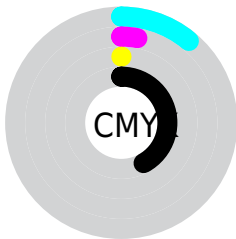
Distribution



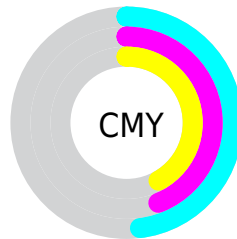
- Red (52%)
- Green (56%)
- Blue (58%)



- Red (52%)
- Yellow (55%)
- Blue (58%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (48%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 4.962, 234.040 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, 4.962, 234.040 by changing the saturation by 10% instead.

■ 59, 4.962, 234.040

■ 59, 4.962, 234.040

■ 100, 4.962,
234.040

■ 49, 4.962, 234.040

■ 79, 4.962, 234.040

■ 39, 4.962, 234.040

■ 89, 4.962, 234.040

■ 29, 4.962, 234.040

■ 99, 4.962, 234.040

■ 19, 4.962, 234.040

■ 9, 4.962, 234.040

■ 0, 4.962, 234.040

■ 59, 4.962, 234.040

■ 59, 4.962, 234.040

■ 57, 9.372, 234.990

■ 61, 0.355, 234.269

■ 54, 13.539,

■ 64, 4.404, 52.410

236.238

66, 9.277, 51.947

52, 17.410,
237.813

69, 14.234, 51.553

50, 20.938,
239.785

72, 19.247, 51.231

48, 24.087,
242.237

74, 24.296, 50.971

46, 26.842,
245.250

77, 29.363, 50.759

44, 29.226,
248.891

80, 34.435, 50.588

42, 31.309,
253.178

41, 33.149,
257.434

Harmonies

Complementary

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



59, 4.962, 234.040



58, 5.243, 52.283

Rectangle

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



59, 4.962, 234.040



59, 4.962, 284.040



59, 4.962, 54.040



59, 4.962, 104.040

Sweetspot

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



59, 4.962, 234.022



77, 1.745, 233.589



60, 8.913, 153.575



40, 1.316, 233.592



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 4.962, 234.022



74, 7.404, 234.239



57, 7.384, 281.681



30, 2.602, 233.899



38, 31.217, 257.044



2, 2.317, 233.104

Inverse Universe

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



57, 8.882, 335.484



72, 13.346, 335.666



60, 7.293, 99.200



29, 4.639, 335.372



30, 58.195, 345.255



1, 4.027, 334.787

Previews

White Background



This preview shows how the CIE LCh color 59, 4.962, 234.040 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 59, 4.962, 234.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

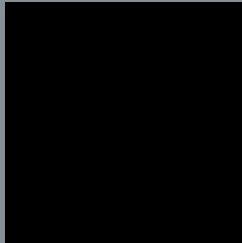
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

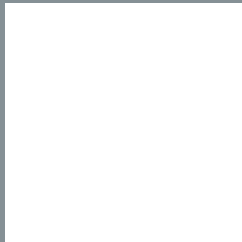
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 4.962, 234.040

Background



This preview shows how black text looks on a background with the CIELCh color 59, 4.962, 234.040.



This preview shows how white text looks on a background with the CIELCh color 59, 4.962, 234.040.

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, 4.962, 234.040

Protanopia

59, 3.502, 303.249

Deuteranopia

59, 8.725, 329.117



Tritanopia
59, 7.002, 262.408

Trichromacy



Original Color
59, 4.962, 234.040

Protanomaly
59, 3.571, 271.930

Deuteranomaly
59, 6.014, 309.339

Tritanomaly
59, 6.044, 256.998

Monochromacy



Original Color
59, 4.962, 234.040

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 1.898, 236.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 4.962, 234.040 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, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(133, 144, 149)  
}
```

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, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 144, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 4.962, 234.040 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, 144, 149) }
```

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

```
.border{ border-color:rgb(133, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 144, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 144, 149);  
box-shadow:4px 4px 4px 4px rgb(133, 144,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 4.962, 234.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 144, 149) }
```

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

```
.background{ background-color: rgb(133,  
144, 149) }
```

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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