

Converting Colors

CIELCh(59, 8.074, 120.715)

Have a look what the booklet for
CIELCh(59, 8.074, 120.715) contains.

CIELCh(59, 8.063, 120.718)	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(59, 8.063, 120.718)

Conversions

Conversions Part 1

Format	Color
Hex	8C9082
RGB	140, 144, 130
RGB Percent	55%, 56%, 51%
CMY	0.4520, 0.4363, 0.4912
CMYK	0.03, 0.00, 0.10, 0.44
HSL	77°, 6%, 54%
HSV	77°, 10%, 56%
XYZ	24.7196, 27.0277, 24.9452
YIQ	141.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

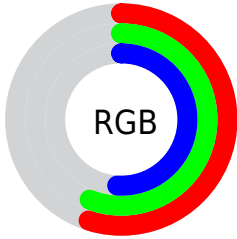
Format	Color
R_{YB}	130, 144, 134
Decimal	9212034
CIE Lab	59.00, -4.12, 6.93
CIE LCh	59, 8.063, 120.718
Yxy	27.0277, 0.3223, 0.3524
Android (android.graphics.Color)	4287402114 (0xFF8C9082)
YUV	141.2080, -5.5255, -1.0594
Hunter-Lab	51.9882, -6.1052, 7.9430

Details

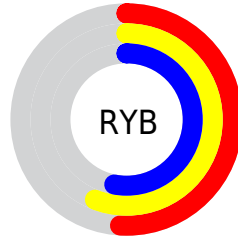
The CIELCh color $59, 8.063, 120.718$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 8.220, 301.842$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 8.123, 120.096$, and $39, 8.106, 121.370$ is the 20% darker color. If you saturate the color by 10%, you get $58, 16.325, 120.141$, and if you desaturate by 10%, it is $60, 0.225, 301.134$.

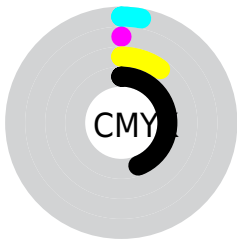
Distribution



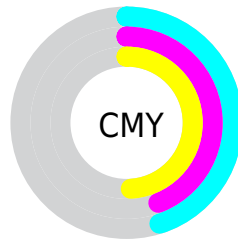
- Red (55%)
- Green (56%)
- Blue (51%)



- Red (51%)
- Yellow (56%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 8.063, 120.718 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, 8.063, 120.718 by changing the saturation by 10% instead.

■ 59, 8.063, 120.718

■ 59, 8.063, 120.718

■ 100, 8.063,
120.718

■ 49, 8.063, 120.718

■ 79, 8.063, 120.718

■ 39, 8.063, 120.718

■ 89, 8.063, 120.718

■ 29, 8.063, 120.718

■ 99, 8.063, 120.718

■ 19, 8.063, 120.718

■ 9, 8.063, 120.718

■ 0, 8.063, 120.718

■ 59, 8.063, 120.718

■ 59, 8.063, 120.718

■ 58, 16.325,
120.141

■ 60, 0.225, 301.134

■ 60, 8.505, 301.819

■ 58, 24.497,
119.556

■ 61, 16.745,
302.331

■ 57, 32.500,
118.990

■ 62, 24.924,
302.808

■ 57, 40.209,
118.477

■ 63, 33.028,
303.253

■ 56, 47.444,
118.063

■ 64, 41.043,
303.664

■ 56, 53.946,
117.819

■ 65, 48.962,
304.044

■ 55, 59.382,
117.837

■ 66, 56.778,
304.393

■ 55, 63.408,
118.216

■ 67, 62.321,
304.949

■ 55, 66.229,
118.892

Harmonies

Complementary

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



59, 8.063, 120.718



55, 8.220, 301.842

Rectangle

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



59, 8.063, 120.718



59, 8.063, 170.718



59, 8.063, 300.718



59, 8.063, 350.718

Sweetspot

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



59, 8.065, 120.724



75, 3.062, 121.112



57, 4.622, 48.866



40, 2.341, 121.067



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, 8.065, 120.724



75, 12.271, 120.578



58, 9.069, 137.898



30, 4.651, 120.756



52, 63.367, 118.830



2, 3.151, 121.269

Inverse Universe

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



55, 8.220, 301.842



68, 12.561, 302.003



56, 9.124, 318.705



28, 4.736, 301.806



16, 80.965, 308.377



0, 3.152, 301.268

Previews

White Background



This preview shows how the CIELCh color 59, 8.063, 120.718 looks on a white background.

Color Contrast Check

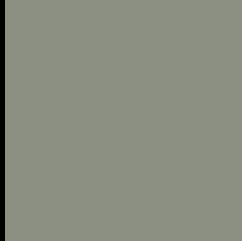
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.063, 120.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

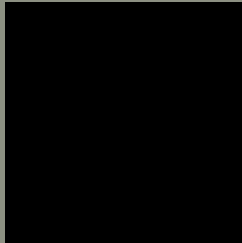
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

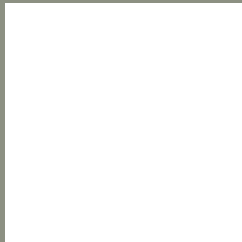
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 8.063, 120.718

Background



This preview shows how black text looks on a background with the CIELCh color 59, 8.063, 120.718.



This preview shows how white text looks on a background with the CIELCh color 59, 8.063, 120.718.

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, 8.063, 120.718

Protanopia

59, 7.336, 86.610

Deuteranopia

59, 10.012, 39.911



Tritanopia
59, 6.296, 297.803

Trichromacy



Original Color
59, 8.063, 120.718

Protanomaly
59, 7.426, 99.925

Deuteranomaly
59, 7.262, 58.144

Tritanomaly
59, 1.139, 290.352

Monochromacy



Original Color
59, 8.063, 120.718

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 2.853, 117.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 8.063, 120.718 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(140, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(140, 144, 130)  
}
```

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(140, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 144, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 8.063, 120.718 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(140, 144, 130) }
```

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

```
.border{ border-color:rgb(140, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(140, 144,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 8.063, 120.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 144, 130) }
```

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

```
.background{ background-color: rgb(140,  
144, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor