

Converting Colors

CIELCh(59, 2.039, 256.056)

Have a look what the booklet for
CIELCh(59, 2.039, 256.056) contains.

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Color

CIELCh(59, 2.042, 256.059)

Conversions

Conversions Part 1

Format	Color
Hex	8B8E91
RGB	139, 142, 145
RGB Percent	55%, 56%, 57%
CMY	0.4535, 0.4417, 0.4300
CMYK	0.04, 0.02, 0.00, 0.43
HSL	210°, 3%, 56%
HSV	210°, 4%, 57%
XYZ	25.5720, 27.0277, 30.8026
YIQ	141.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

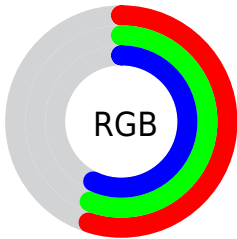
Format	Color
RYB	139, 141, 145
Decimal	9146001
CIELab	59.00, -0.49, -1.98
CIElCh	59, 2.042, 256.059
Yxy	27.0277, 0.3066, 0.3241
Android (android.graphics.Color)	4287336081 (0xFF8B8E91)
YUV	141.4450, 1.7526, -2.1443
Hunter-Lab	51.9882, -3.1788, 1.2629

Details

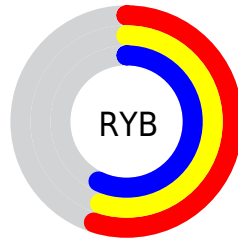
The CIELCh color $59, 2.042, 256.059$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 2.051, 74.752$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 2.149, 247.898$, and $39, 2.199, 256.255$ is the 20% darker color. If you saturate the color by 10%, you get $56, 6.943, 257.271$, and if you desaturate by 10%, it is $62, 2.896, 74.618$.

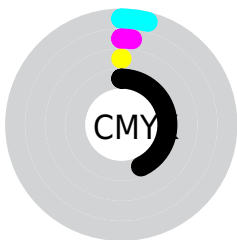
Distribution



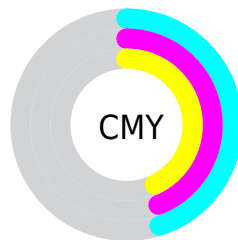
- Red (55%)
- Green (56%)
- Blue (57%)



- Red (55%)
- Yellow (55%)
- Blue (57%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 2.042, 256.059 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, 2.042, 256.059 by changing the saturation by 10% instead.

■ 59, 2.042, 256.059

■ 59, 2.042, 256.059

■ 100, 2.042,
256.059

■ 49, 2.042, 256.059

■ 79, 2.042, 256.059

■ 39, 2.042, 256.059

■ 89, 2.042, 256.059

■ 29, 2.042, 256.059

■ 99, 2.042, 256.059

■ 19, 2.042, 256.059

■ 9, 2.042, 256.059

■ 0, 2.042, 256.059

■ 59, 2.042, 256.059

■ 59, 2.042, 256.059

■ 56, 6.943, 257.271

■ 62, 2.896, 74.618

■ 53, 11.790,

■ 65, 7.852, 73.692

258.854

69, 12.811, 72.852

50, 16.565,
260.743

72, 17.761, 72.116

47, 21.252,
262.985

75, 22.690, 71.469

44, 25.848,
265.636

78, 27.591, 70.897

41, 30.360,
268.740

81, 32.456, 70.388

38, 34.821,
272.315

84, 37.105, 70.249

35, 39.286,
276.328

33, 43.828,
280.664

Harmonies

Complementary

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



59, 2.042, 256.059



59, 2.051, 74.752

Rectangle

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



59, 2.042, 256.059



59, 2.042, 306.059



59, 2.042, 76.059



59, 2.042, 126.059

Sweetspot

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



59, 2.041, 256.016



76, 0.617, 256.066



60, 2.926, 162.549



40, 0.350, 256.097



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, 2.041, 256.016



75, 3.055, 256.111



58, 3.358, 289.926



30, 1.697, 256.157



30, 44.572, 282.850



1, 2.480, 255.385

Inverse Universe

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



59, 2.916, 343.848



74, 4.373, 343.948



60, 3.316, 109.105



30, 2.431, 343.989



29, 53.713, 0.849



1, 3.520, 343.626

Previews

White Background



This preview shows how the CIELCh color 59, 2.042, 256.059 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, 2.042, 256.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

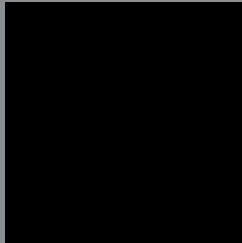
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

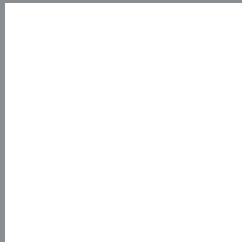
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 2.042, 256.059

Background



This preview shows how black text looks on a background with the CIELCh color 59, 2.042, 256.059.



This preview shows how white text looks on a background with the CIELCh color 59, 2.042, 256.059.

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, 2.042, 256.059

Protanopia

59, 2.565, 317.348

Deuteranopia

59, 7.744, 344.459



Tritanopia
59, 6.246, 287.441

Trichromacy



Original Color
59, 2.042, 256.059

Protanomaly
59, 2.311, 300.065

Deuteranomaly
59, 4.903, 336.019

Tritanomaly
59, 5.115, 286.523

Monochromacy



Original Color
59, 2.042, 256.059

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 0.687, 256.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 2.042, 256.059 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(139, 142, 145)` looks like.

```
.text, #text, p{  
    color:rgb(139, 142, 145)  
}
```

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(139, 142, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 142, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 2.042, 256.059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

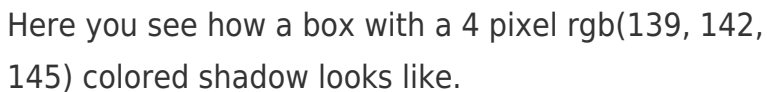
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 142, 145) }
```

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

```
.border{ border-color:rgb(139, 142, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 142, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 142, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 142, 145);  
box-shadow:4px 4px 4px 4px rgb(139, 142,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 2.042, 256.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 142, 145) }
```

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

```
.background{ background-color: rgb(139,  
142, 145) }
```

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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