

Converting Colors

CIELCh(59, 4.392, 212.242)

Have a look what the booklet for
CIELCh(59, 4.392, 212.242) contains.

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Color

CIELCh(59, 4.302, 214.423)

Conversions

Conversions Part 1

Format	Color
Hex	859092
RGB	133, 144, 146
RGB Percent	52%, 56%, 57%
CMY	0.4782, 0.4351, 0.4273
CMYK	0.09, 0.01, 0.00, 0.43
HSL	189°, 6%, 55%
HSV	189°, 9%, 57%
XYZ	24.8523, 27.0277, 31.1204
YIQ	140.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

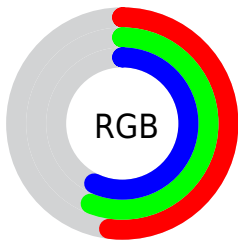
Format	Color
R_{YB}	133, 139, 146
Decimal	8753298
CIE _{Lab}	59.00, -3.55, -2.43
CIE _{LCh}	59, 4.302, 214.423
Yxy	27.0277, 0.2994, 0.3256
Android (android.graphics.Color)	4286943378 (0xFF859092)
YUV	140.9390, 2.4951, -6.9625
Hunter-Lab	51.9882, -5.6496, 0.9004

Details

The CIELCh color $59, 4.302, 214.423$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 4.546, 34.175$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 4.424, 213.201$, and $39, 4.587, 214.445$ is the 20% darker color. If you saturate the color by 10%, you get $57, 8.886, 214.517$, and if you desaturate by 10%, it is $61, 0.541, 33.437$.

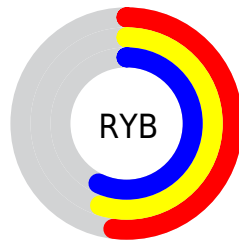
Distribution



Red (52%)

Green (56%)

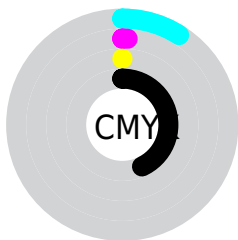
Blue (57%)



Red (52%)

Yellow (55%)

Blue (57%)

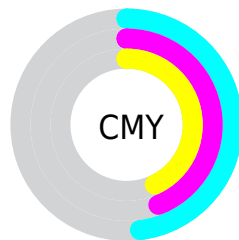


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (48%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 4.302, 214.423 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, 4.302, 214.423 by changing the saturation by 10% instead.

■ 59, 4.302, 214.423

■ 59, 4.302, 214.423

■ 100, 4.302,
214.423

■ 49, 4.302, 214.423

■ 79, 4.302, 214.423

■ 39, 4.302, 214.423

■ 89, 4.302, 214.423

■ 29, 4.302, 214.423

■ 99, 4.302, 214.423

■ 19, 4.302, 214.423

■ 9, 4.302, 214.423

■ 0, 4.302, 214.423

■ 59, 4.302, 214.423

■ 59, 4.302, 214.423

■ 57, 8.886, 214.517

■ 61, 0.541, 33.437

■ 56, 13.142,

■ 63, 5.585, 34.195

214.807

65, 10.778, 34.327

54, 16.996,
215.280

67, 16.077, 34.483

53, 20.376,
215.975

69, 21.447, 34.670

52, 23.213,
216.941

71, 26.861, 34.881

50, 25.456,
218.233

73, 32.295, 35.108

49, 27.084,
219.914

75, 37.733, 35.346

48, 28.114,
222.044

48, 28.705,
224.567

Harmonies

Complementary

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



59, 4.302, 214.423



57, 4.546, 34.175

Rectangle

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



59, 4.302, 214.423



59, 4.302, 264.423



59, 4.302, 34.423



59, 4.302, 84.423

Sweetspot

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



59, 4.302, 214.403



76, 1.812, 214.548



59, 8.100, 148.330



40, 1.367, 214.495



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, 4.302, 214.403



74, 6.513, 214.411



57, 5.087, 270.940



30, 2.756, 214.403



45, 27.565, 224.672



2, 2.467, 214.264

Inverse Universe

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



57, 8.099, 329.451



71, 12.351, 329.594



59, 5.095, 88.652



29, 5.193, 329.470



31, 64.998, 335.266



1, 4.515, 328.959

Previews

White Background



This preview shows how the CIELCh color 59, 4.302, 214.423 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, 4.302, 214.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

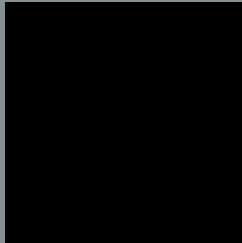
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

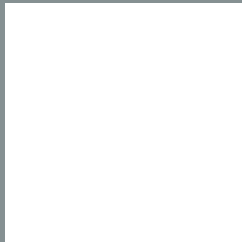
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 4.302, 214.423

Background



This preview shows how black text looks on a background with the CIELCh color 59, 4.302, 214.423.



This preview shows how white text looks on a background with the CIELCh color 59, 4.302, 214.423.

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, 4.302, 214.423

Protanopia

59, 2.078, 324.455

Deuteranopia

59, 7.781, 339.317



Tritanopia
59, 7.002, 262.408

Trichromacy



Original Color
59, 4.302, 214.423

Protanomaly
59, 1.859, 265.967

Deuteranomaly
59, 4.624, 320.667

Tritanomaly
59, 5.589, 253.628

Monochromacy



Original Color
59, 4.302, 214.423

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 1.636, 219.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 4.302, 214.423 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(133, 144, 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(133, 144, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 144, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 4.302, 214.423 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, 146) }
```

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

```
.border{ border-color:rgb(133, 144, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 144, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 144, 146);  
box-shadow:4px 4px 4px 4px rgb(133, 144,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 4.302, 214.423 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, 146) }
```

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

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