

Converting Colors

CIELCh(59, 6.040, 272.062)

Have a look what the booklet for
CIELCh(59, 6.040, 272.062) contains.

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Color

CIELCh(59, 5.936, 272.416)

Conversions

Conversions Part 1

Format	Color
Hex	898E98
RGB	137, 142, 152
RGB Percent	54%, 56%, 60%
CMY	0.4618, 0.4422, 0.4030
CMYK	0.10, 0.07, 0.00, 0.40
HSL	220°, 7%, 57%
HSV	220°, 10%, 60%
XYZ	25.7488, 27.0277, 33.6663
YIQ	141.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

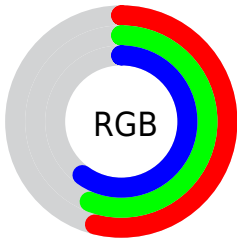
Format	Color
RYB	137, 141, 152
Decimal	9014936
CIELab	59.00, 0.25, -5.93
CIELCh	59, 5.936, 272.416
Yxy	27.0277, 0.2979, 0.3127
Android (android.graphics.Color)	4287205016 (0xFF898E98)
YUV	141.6450, 5.1050, -4.0737
Hunter-Lab	51.9882, -2.5718, -2.0030

Details

The CIELCh color $59, 5.936, 272.416$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 5.937, 89.890$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 5.719, 268.711$, and $39, 5.821, 270.961$ is the 20% darker color. If you saturate the color by 10%, you get $55, 12.043, 273.869$, and if you desaturate by 10%, it is $63, 0.079, 88.611$.

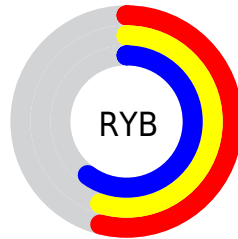
Distribution



Red (54%)

Green (56%)

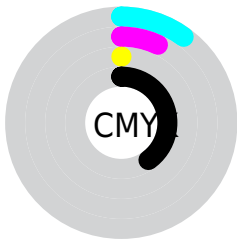
Blue (60%)



Red (54%)

Yellow (55%)

Blue (60%)

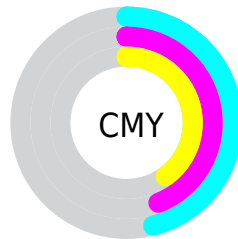


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (46%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 5.936, 272.416 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, 5.936, 272.416 by changing the saturation by 10% instead.

■ 59, 5.936, 272.416

■ 59, 5.936, 272.416

■ 100, 5.936,
272.416

■ 49, 5.936, 272.416

■ 79, 5.936, 272.416

■ 39, 5.936, 272.416

■ 89, 5.936, 272.416

■ 29, 5.936, 272.416

■ 99, 5.936, 272.416

■ 19, 5.936, 272.416

■ 9, 5.936, 272.416

■ 0, 5.936, 272.416

■ 59, 5.936, 272.416

■ 59, 5.936, 272.416

■ 55, 12.043,
273.869

■ 63, 0.079, 88.611

■ 67, 6.000, 89.958

51, 18.247,
275.588

71, 11.825, 89.012

47, 24.555,
277.597

75, 17.554, 88.174

79, 23.187, 87.433

43, 30.979,
279.933

83, 28.722, 86.774

39, 37.543,
282.624

87, 34.160, 86.185

90, 38.885, 87.892

36, 44.275,
285.672

93, 42.286, 95.024

32, 51.191,
289.028

29, 58.266,
292.572

26, 65.395,
295.987

Harmonies

Complementary

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



59, 5.936, 272.416



61, 5.937, 89.890

Rectangle

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



59, 5.936, 272.416



59, 5.936, 322.416



59, 5.936, 92.416



59, 5.936, 142.416

Sweetspot

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



59, 5.935, 272.405



79, 2.241, 271.592



62, 6.476, 171.769



41, 1.694, 271.666



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 5.935, 272.405



74, 9.001, 272.732



58, 8.603, 296.813



30, 3.416, 272.322



23, 61.223, 295.757



1, 3.692, 271.562

Inverse Universe

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



59, 6.569, 354.533



74, 9.988, 354.781



62, 8.419, 115.348



30, 3.778, 354.468



29, 55.096, 16.658



1, 4.004, 354.054

Previews

White Background



This preview shows how the CIELCh color 59, 5.936, 272.416 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, 5.936, 272.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

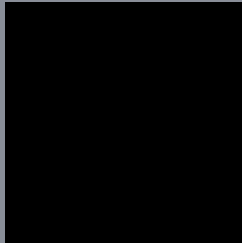
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

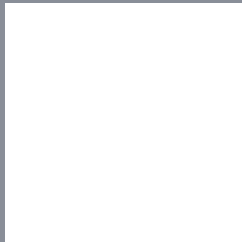
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 5.936, 272.416

Background



This preview shows how black text looks on a background with the CIELCh color 59, 5.936, 272.416.



This preview shows how white text looks on a background with the CIELCh color 59, 5.936, 272.416.

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, 5.936, 272.416

Protanopia

59, 5.692, 294.653

Deuteranopia

59, 9.712, 319.216



Tritanopia
59, 6.474, 274.109

Trichromacy



Original Color
59, 5.936, 272.416

Protanomaly
59, 5.680, 287.021

Deuteranomaly
59, 7.643, 305.358

Tritanomaly
59, 6.474, 274.109

Monochromacy



Original Color
59, 5.936, 272.416

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 2.385, 271.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 5.936, 272.416 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, 142, 152)` looks like.

```
.text, #text, p{  
    color:rgb(137, 142, 152)  
}
```

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, 142, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 142, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 5.936, 272.416 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, 142, 152) }
```

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

```
.border{ border-color:rgb(137, 142, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 142, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 142, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 142, 152);  
box-shadow:4px 4px 4px 4px rgb(137, 142,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 5.936, 272.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 142, 152) }
```

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

```
.background{ background-color: rgb(137,  
142, 152) }
```

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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