

Converting Colors

CIElCh(59, 13.858, 209.843)

Have a look what the booklet for
CIELCh(59, 13.858, 209.843)
contains.

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Color

CIELCh(59, 13.979, 209.973)

Conversions

Conversions Part 1

Format	Color
Hex	6E959A
RGB	110, 149, 154
RGB Percent	43%, 58%, 60%
CMY	0.5697, 0.4168, 0.3972
CMYK	0.29, 0.03, 0.00, 0.40
HSL	187°, 18%, 52%
HSV	187°, 29%, 60%
XYZ	22.9090, 27.0277, 34.4589
YIQ	137.9090, -24.8490, -6.7130

Conversions

Conversions Part 2

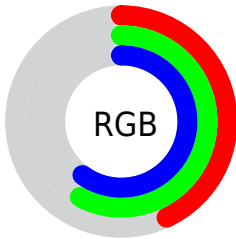
Format	Color
RYB	110, 131, 154
Decimal	7247258
CIELab	59.00, -12.11, -6.98
CIElCh	59, 13.979, 209.973
Yxy	27.0277, 0.2714, 0.3203
Android (android.graphics.Color)	4285437338 (0xFF6E959A)
YUV	137.9090, 7.9329, -24.4762
Hunter-Lab	51.9882, -12.3219, -2.9069

Details

The CIELCh color $59, 13.979, 209.973$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $52, 17.028, 30.913$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 13.859, 209.632$, and $39, 13.973, 210.558$ is the 20% darker color. If you saturate the color by 10%, you get $58, 18.109, 210.178$, and if you desaturate by 10%, it is $60, 9.409, 209.905$.

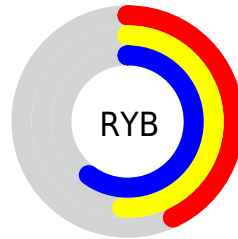
Distribution



Red (43%)

Green (58%)

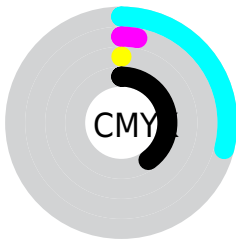
Blue (60%)



Red (43%)

Yellow (51%)

Blue (60%)

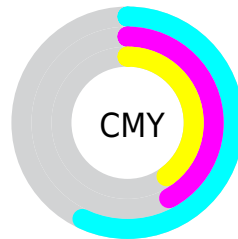


Cyan (29%)

Magenta (3%)

Yellow (0%)

Black (40%)



Cyan (57%)


Magenta (42%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 13.979, 209.973 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, 13.979, 209.973 by changing the saturation by 10% instead.


 59, 13.979,
209.973


 59, 13.979,
209.973


 100, 13.979,
209.973


 49, 13.979,
209.973


 79, 13.979,
209.973

 39, 13.979,
209.973

 89, 13.979,
209.973

 29, 13.979,
209.973

 99, 13.979,
209.973

 19, 13.979,
209.973

 9, 13.979, 209.973

 0, 13.979, 209.973

■ 59, 13.979,
209.973

■ 59, 13.979,
209.973

■ 58, 18.109,
210.178

■ 60, 9.409, 209.905

■ 56, 21.717,
210.562

■ 62, 4.479, 209.991

■ 64, 0.734, 29.385

■ 55, 24.729,
211.154

■ 66, 6.163, 30.121

■ 54, 27.087,
211.996

■ 67, 11.750, 30.395

■ 69, 17.448, 30.684

■ 53, 28.766,
213.131

■ 71, 23.218, 30.995

■ 53, 29.780,
214.601

■ 73, 29.027, 31.322

■ 75, 34.853, 31.658

■ 52, 30.273,
216.383

■ 52, 30.334,

Harmonies

Complementary

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



59, 13.979, 209.973



52, 17.028, 30.913

Rectangle

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



59, 13.979, 209.973



59, 13.979, 259.973



59, 13.979, 29.973



59, 13.979, 79.973

Sweetspot

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



59, 13.979, 209.968



78, 5.762, 209.981



59, 28.283, 145.287



41, 3.979, 209.959



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, 13.979, 209.968



74, 20.007, 210.076



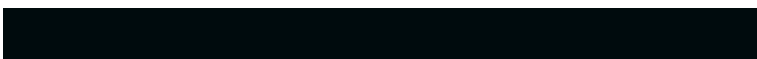
53, 16.272, 269.784



32, 2.921, 209.980



47, 28.385, 216.448



2, 3.205, 211.184

Inverse Universe

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



52, 28.054, 329.330



64, 41.001, 329.685



58, 16.793, 81.767



30, 5.494, 328.186



32, 67.890, 333.215



1, 5.858, 328.039

Previews

White Background



This preview shows how the CIE LCh color 59, 13.979, 209.973 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, 13.979, 209.973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

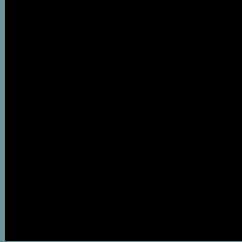
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 13.979, 209.973

Background



This preview shows how black text looks on a background with the CIELCh color 59, 13.979, 209.973.

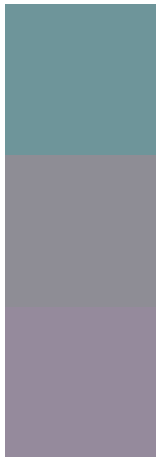


This preview shows how white text looks on a background with the CIELCh color 59, 13.979, 209.973.

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, 13.979, 209.973

Protanopia
59, 4.562, 295.502

Deuteranopia
59, 11.082, 313.315



Tritanopia
59, 14.315, 226.930

Trichromacy



Original Color
59, 13.979, 209.973

Protanomaly
59, 6.466, 237.021

Deuteranomaly
59, 7.759, 271.497

Tritanomaly
59, 13.935, 222.500

Monochromacy



Original Color
59, 13.979, 209.973

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 5.391, 211.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 13.979, 209.973 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(110, 149, 154)` looks like.

```
.text, #text, p{  
    color:rgb(110, 149, 154)  
}
```

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(110, 149, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 149, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 13.979, 209.973 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(110, 149, 154) }
```

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

```
.border{ border-color:rgb(110, 149, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 149, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 149, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 149, 154);  
box-shadow:4px 4px 4px 4px rgb(110, 149,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 13.979, 209.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 149, 154) }
```

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

```
.background{ background-color: rgb(110,  
149, 154) }
```

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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