

Converting Colors

CIELCh(59, 14.062, 218.403)

Have a look what the booklet for
CIELCh(59, 14.062, 218.403)
contains.

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Color

CIELCh(59, 14.070, 219.699)

Conversions

Conversions Part 1

Format	Color
Hex	6E949D
RGB	110, 148, 157
RGB Percent	43%, 58%, 62%
CMY	0.5677, 0.4187, 0.3834
CMYK	0.30, 0.06, 0.00, 0.38
HSL	191°, 19%, 52%
HSV	191°, 30%, 62%
XYZ	23.1938, 27.0277, 36.0010
YIQ	137.6640, -25.5370, -5.2570

Conversions

Conversions Part 2

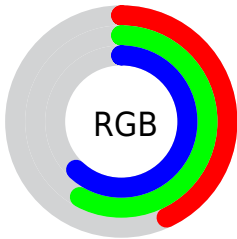
Format	Color
R_{YB}	110, 131, 157
Decimal	7247005
CIE _{Lab}	59.00, -10.83, -8.99
CIE _{LCh}	59, 14.070, 219.699
Yxy	27.0277, 0.2690, 0.3135
Android (android.graphics.Color)	4285437085 (0xFF6E949D)
YUV	137.6640, 9.5326, -24.2613
Hunter-Lab	51.9882, -11.3443, -4.6656

Details

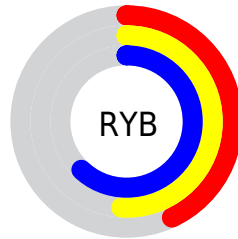
The CIELCh color $59, 14.070, 219.699$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 17.235, 38.356$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 14.092, 220.943$, and $39, 14.072, 221.215$ is the 20% darker color. If you saturate the color by 10%, you get $57, 18.048, 220.460$, and if you desaturate by 10%, it is $61, 9.678, 219.156$.

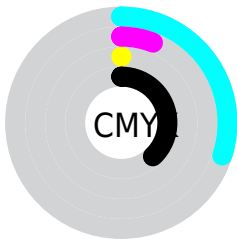
Distribution



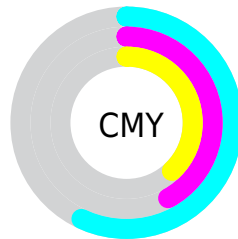
- Red (43%)
- Green (58%)
- Blue (62%)



- Red (43%)
- Yellow (51%)
- Blue (62%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (57%)
- Magenta (42%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 14.070, 219.699 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, 14.070, 219.699 by changing the saturation by 10% instead.


 59, 14.070,
219.699

 59, 14.070,
219.699

 100, 14.070,
219.699


 49, 14.070,
219.699

 79, 14.070,
219.699

 39, 14.070,
219.699

 89, 14.070,
219.699

 29, 14.070,
219.699

 99, 14.070,
219.699

 19, 14.070,
219.699

 9, 14.070, 219.699

 0, 14.070, 219.699

■ 59, 14.070,
219.699

■ 59, 14.070,
219.699

■ 57, 18.048,
220.460

■ 61, 9.678, 219.156

■ 56, 21.539,
221.505

■ 63, 4.948, 218.822

■ 65, 0.054, 29.955

■ 54, 24.477,
222.892

■ 67, 5.263, 38.266

■ 53, 26.816,
224.695

■ 69, 10.629, 38.257

■ 71, 16.109, 38.282

■ 51, 28.543,
226.990

■ 74, 21.667, 38.347

■ 50, 29.694,
229.848

■ 76, 27.274, 38.445

■ 78, 32.907, 38.568

■ 49, 30.467,
233.158

■ 49, 30.475,

Harmonies

Complementary

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



59, 14.070, 219.699



54, 17.235, 38.356

Rectangle

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



59, 14.070, 219.699



59, 14.070, 269.699



59, 14.070, 39.699



59, 14.070, 89.699

Sweetspot

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



59, 14.070, 219.694



80, 5.574, 218.808



61, 28.338, 147.764



42, 3.851, 218.837



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 14.070, 219.694



74, 20.407, 220.187



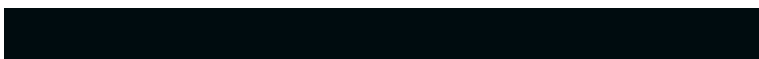
52, 19.151, 276.888



32, 2.845, 218.809



45, 28.386, 232.854



3, 3.748, 222.217

Inverse Universe

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



52, 28.281, 332.090



64, 41.953, 332.541



60, 19.161, 88.704



31, 5.345, 330.761



32, 64.862, 337.410



1, 6.793, 331.350

Previews

White Background



This preview shows how the CIELCh color 59, 14.070, 219.699 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, 14.070, 219.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

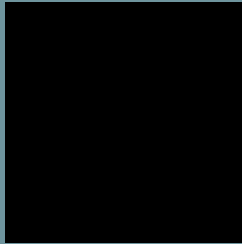
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 14.070, 219.699

Background



This preview shows how black text looks on a background with the CIELCh color 59, 14.070, 219.699.



This preview shows how white text looks on a background with the CIELCh color 59, 14.070, 219.699.

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, 14.070, 219.699

Protanopia

59, 6.240, 290.898

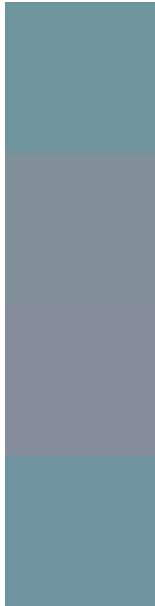
Deuteranopia

59, 12.441, 307.170



Tritanopia
59, 14.315, 226.930

Trichromacy



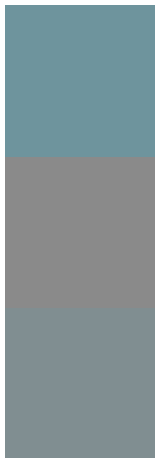
Original Color
59, 14.070, 219.699

Protanomaly
59, 7.562, 247.807

Deuteranomaly
59, 9.466, 273.172

Tritanomaly
59, 14.115, 224.744

Monochromacy



Original Color
59, 14.070, 219.699

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 5.510, 217.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 14.070, 219.699 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, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(110, 148, 157)  
}
```

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, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 148, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 14.070, 219.699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

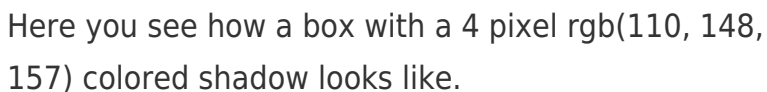
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 148, 157) }
```

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

```
.border{ border-color:rgb(110, 148, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(110, 148,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 14.070, 219.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 148, 157) }
```

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

```
.background{ background-color: rgb(110,  
148, 157) }
```

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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