

Converting Colors

CIE LCh(59, 26.235, 259.233)

Have a look what the booklet for
CIELCh(59, 26.235, 259.233)
contains.

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Color

CIELCh(59, 26.217, 259.172)

Conversions

Conversions Part 1

Format	Color
Hex	6493BB
RGB	100, 147, 187
RGB Percent	39%, 58%, 73%
CMY	0.6092, 0.4248, 0.2680
CMYK	0.47, 0.21, 0.00, 0.27
HSL	208°, 39%, 56%
HSV	208°, 47%, 73%
XYZ	24.5327, 27.0277, 50.7428
YIQ	137.5070, -40.8520, 2.4760

Conversions

Conversions Part 2

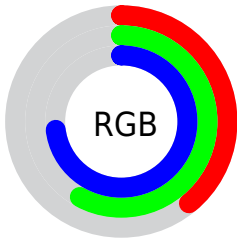
Format	Color
R_{YB}	100, 131, 187
Decimal	6591419
CIE _{Lab}	59.00, -4.93, -25.75
CIE _{LCh}	59, 26.217, 259.172
Yxy	27.0277, 0.2398, 0.2642
Android (android.graphics.Color)	4284781499 (0xFF6493BB)
YUV	137.5070, 24.4000, -32.8936
Hunter-Lab	51.9882, -6.7470, -21.4779

Details

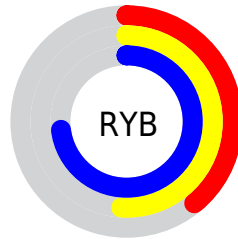
The CIELCh color `59, 26.217, 259.172` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `62, 31.065, 65.537`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 26.023, 258.919`, and `39, 26.190, 259.031` is the 20% darker color. If you saturate the color by 10%, you get `56, 31.376, 262.021`, and if you desaturate by 10%, it is `62, 20.870, 256.784`.

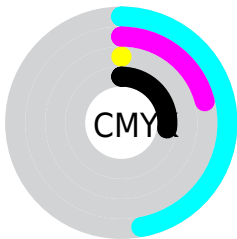
Distribution



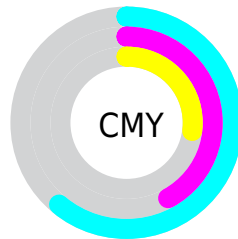
- Red (39%)
- Green (58%)
- Blue (73%)



- Red (39%)
- Yellow (51%)
- Blue (73%)



- Cyan (47%)
- Magenta (21%)
- Yellow (0%)
- Black (27%)





- Cyan (61%)
- Magenta (42%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 26.217, 259.172 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, 26.217, 259.172 by changing the saturation by 10% instead.


 59, 26.217,
259.172


 59, 26.217,
259.172


 100, 26.217,
259.172


 49, 26.217,
259.172


 79, 26.217,
259.172

 39, 26.217,
259.172

 89, 26.217,
259.172

 29, 26.217,
259.172

 99, 26.217,
259.172

 19, 26.217,
259.172

 9, 26.217, 259.172

 0, 26.217, 259.172

■ 59, 26.217,
259.172

■ 59, 26.217,
259.172

■ 56, 31.376,
262.021

■ 62, 20.870,
256.784

■ 52, 36.362,
265.383

■ 66, 15.349,
254.795

■ 49, 41.224,
269.273

■ 70, 9.677, 253.144

■ 46, 46.048,
273.640

■ 73, 3.884, 251.810

■ 77, 1.998, 70.351

■ 43, 50.949,
278.321

■ 81, 7.942, 69.501

■ 43, 52.670,
279.846

■ 84, 13.921, 68.676

■ 88, 19.915, 67.958

■ 91, 22.807, 76.609

Harmonies

Complementary

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



59, 26.217, 259.172



62, 31.065, 65.537

Rectangle

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



59, 26.217, 259.172



59, 26.217, 309.172



59, 26.217, 79.172



59, 26.217, 129.172

Sweetspot

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



59, 26.216, 259.171



89, 10.105, 252.797



69, 40.677, 156.419



47, 7.019, 253.114



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



59, 26.216, 259.171



71, 38.345, 262.116



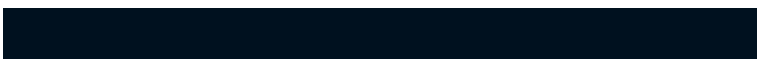
47, 48.762, 294.860



38, 3.353, 252.141



36, 46.041, 279.192



4, 11.095, 264.887

Inverse Universe

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



54, 42.014, 346.082



64, 61.195, 347.533



73, 43.542, 103.446



37, 5.119, 342.238



34, 59.916, 357.720



3, 14.285, 349.220

Previews

White Background



This preview shows how the CIELCh color 59, 26.217, 259.172 looks on a white background.

Color Contrast Check

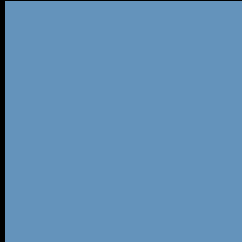
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.217, 259.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

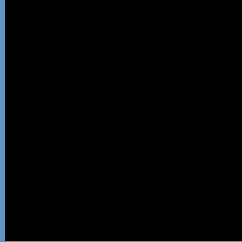
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

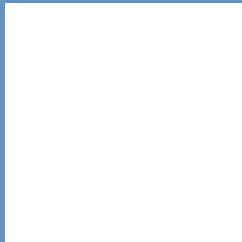
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 26.217, 259.172

Background



This preview shows how black text looks on a background with the CIELCh color 59, 26.217, 259.172.

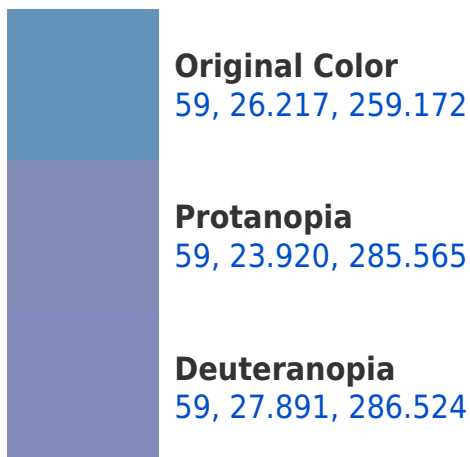


This preview shows how white text looks on a background with the CIELCh color 59, 26.217, 259.172.

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](#).

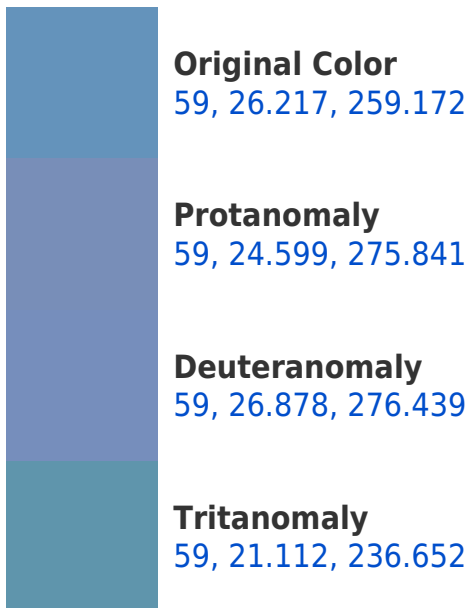
Dichromacy



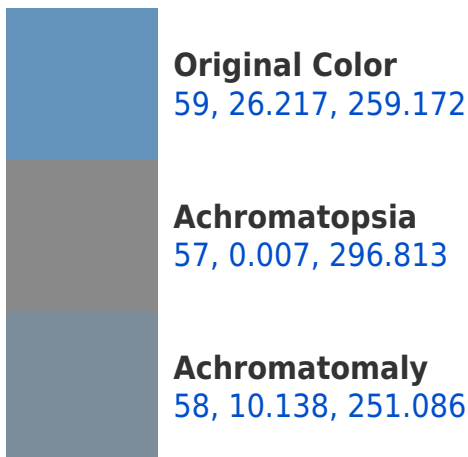


Tritanopia
59, 19.914, 217.973

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 26.217, 259.172 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(100, 147, 187)` looks like.

```
.text, #text, p{  
    color:rgb(100, 147, 187)  
}
```

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(100, 147, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 147, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 26.217, 259.172 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(100, 147, 187) }
```

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

```
.border{ border-color:rgb(100, 147, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 147, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 147, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 147, 187);  
box-shadow:4px 4px 4px 4px rgb(100, 147,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 26.217, 259.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 147, 187) }
```

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

```
.background{ background-color: rgb(100,  
147, 187) }
```

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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