

Converting Colors

CIE LCh(59, 25.564, 228.269)

Have a look what the booklet for
CIELCh(59, 25.564, 228.269)
contains.

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Color

CIELCh(59, 25.643, 228.547)

Conversions

Conversions Part 1

Format	Color
Hex	4B98AF
RGB	75, 152, 175
RGB Percent	29%, 60%, 69%
CMY	0.7061, 0.4041, 0.3139
CMYK	0.57, 0.13, 0.00, 0.31
HSL	194°, 40%, 49%
HSV	194°, 57%, 69%
XYZ	21.8509, 27.0277, 44.5975
YIQ	131.5990, -53.2750, -9.1710

Conversions

Conversions Part 2

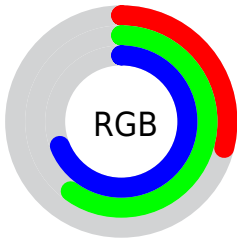
Format	Color
R_{YB}	75, 119, 175
Decimal	4954287
CIE _{Lab}	59.00, -16.98, -19.22
CIE _{LCh}	59, 25.643, 228.547
Yxy	27.0277, 0.2338, 0.2891
Android (android.graphics.Color)	4283144367 (0xFF4B98AF)
YUV	131.5990, 21.3967, -49.6373
Hunter-Lab	51.9882, -15.9549, -14.4695

Details

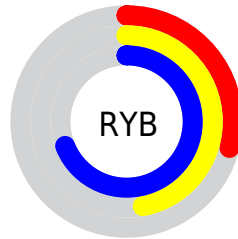
The CIELCh color **59, 25.643, 228.547** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 39.262, 42.731**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 25.671, 229.671**, and **39, 25.232, 228.156** is the 20% darker color. If you saturate the color by 10%, you get **57, 28.450, 230.692**, and if you desaturate by 10%, it is **61, 22.238, 226.871**.

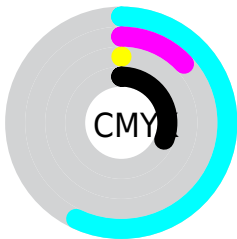
Distribution



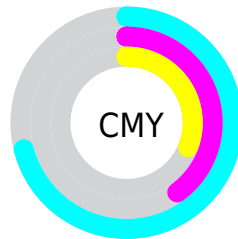
- Red (29%)
- Green (60%)
- Blue (69%)



- Red (29%)
- Yellow (47%)
- Blue (69%)



- Cyan (57%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)





- Cyan (71%)
- Magenta (40%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 25.643, 228.547 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, 25.643, 228.547 by changing the saturation by 10% instead.


 59, 25.643,
228.547


 59, 25.643,
228.547


 100, 25.643,
228.547


 49, 25.643,
228.547


 79, 25.643,
228.547

 39, 25.643,
228.547

 89, 25.643,
228.547

 29, 25.643,
228.547

 99, 25.643,
228.547

 19, 25.643,
228.547

 9, 25.643, 228.547

 0, 25.643, 228.547

59, 25.643,
228.547

59, 25.643,
228.547

57, 28.450,
230.692

61, 22.238,
226.871

56, 30.647,
233.396

63, 18.287,
225.582

54, 32.273,
236.734

65, 13.856,
224.608

53, 33.456,
240.697

67, 9.022, 223.891

52, 33.784,
241.845

70, 3.861, 223.421

72, 1.560, 42.597

75, 7.181, 42.569

77, 12.950, 42.421

80, 18.825, 42.326

Harmonies

Complementary

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



59, 25.643, 228.547



50, 39.262, 42.731

Rectangle

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



59, 25.643, 228.547



59, 25.643, 278.547



59, 25.643, 48.547



59, 25.643, 98.547

Sweetspot

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



59, 25.642, 228.546



85, 11.041, 223.899



64, 56.049, 145.750



45, 7.404, 224.022



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 25.642, 228.546



72, 35.444, 231.450



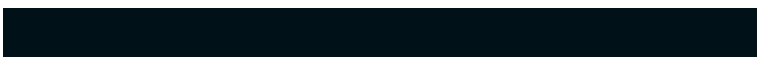
45, 43.014, 285.494



36, 3.016, 223.495



45, 30.162, 241.261



4, 6.392, 232.689

Inverse Universe

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



47, 55.172, 335.605



57, 78.113, 336.717



62, 41.417, 87.593



34, 5.615, 332.152



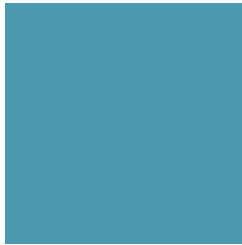
34, 65.484, 339.803



2, 11.135, 334.650

Previews

White Background



This preview shows how the CIE LCh color 59, 25.643, 228.547 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, 25.643, 228.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

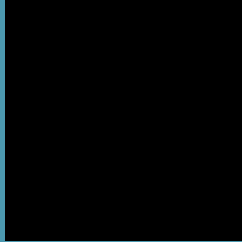
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 25.643, 228.547

Background



This preview shows how black text looks on a background with the CIELCh color 59, 25.643, 228.547.

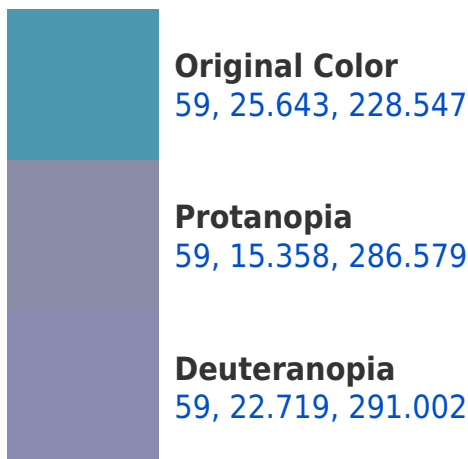


This preview shows how white text looks on a background with the CIELCh color 59, 25.643, 228.547.

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, 25.451, 214.371

Trichromacy



Original Color
59, 25.643, 228.547

Protanomaly
58, 17.563, 256.524

Deuteranomaly
58, 21.173, 265.457

Tritanomaly
59, 25.459, 218.529

Monochromacy



Original Color
59, 25.643, 228.547

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 11.175, 226.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 25.643, 228.547 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(75, 152, 175)` looks like.

```
.text, #text, p{  
    color:rgb(75, 152, 175)  
}
```

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(75, 152, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 152, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 25.643, 228.547 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(75, 152, 175) }
```

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

```
.border{ border-color:rgb(75, 152, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 152, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 152, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 152, 175);  
box-shadow:4px 4px 4px 4px rgb(75, 152,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 25.643, 228.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 152, 175) }
```

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

```
.background{ background-color: rgb(75, 152,  
175) }
```

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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