

Converting Colors

CIELCh(59, 25.291, 226.986)

Have a look what the booklet for
CIELCh(59, 25.291, 226.986)
contains.

CIELCh(59, 25.281, 227.526)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 25.281, 227.526)

Conversions

Conversions Part 1

Format	Color
Hex	4C98AE
RGB	76, 152, 174
RGB Percent	30%, 60%, 68%
CMY	0.7022, 0.4041, 0.3179
CMYK	0.56, 0.13, 0.00, 0.32
HSL	193°, 39%, 49%
HSV	193°, 56%, 68%
XYZ	21.8305, 27.0277, 44.0837
YIQ	131.7840, -52.3580, -9.2700

Conversions

Conversions Part 2

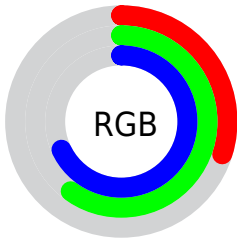
Format	Color
R_{YB}	76, 119, 174
Decimal	5019822
CIE _{Lab}	59.00, -17.07, -18.65
CIE _{LCh}	59, 25.281, 227.526
Yxy	27.0277, 0.2349, 0.2908
Android (android.graphics.Color)	4283209902 (0xFF4C98AE)
YUV	131.7840, 20.8125, -48.9226
Hunter-Lab	51.9882, -16.0249, -13.8836

Details

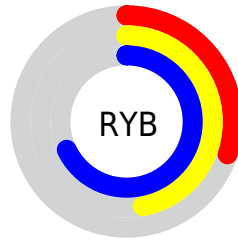
The CIELCh color **59, 25.281, 227.526** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 38.511, 42.227**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 25.255, 228.820**, and **39, 25.232, 228.156** is the 20% darker color. If you saturate the color by 10%, you get **57, 28.107, 229.568**, and if you desaturate by 10%, it is **61, 21.855, 225.936**.

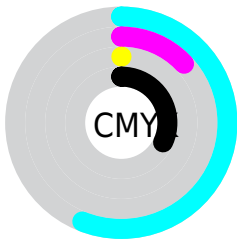
Distribution



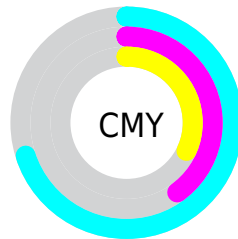
- Red (30%)
- Green (60%)
- Blue (68%)



- Red (30%)
- Yellow (47%)
- Blue (68%)



- Cyan (56%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)





- Cyan (70%)
- Magenta (40%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 25.281, 227.526 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, 25.281, 227.526 by changing the saturation by 10% instead.


 59, 25.281,
227.526


 59, 25.281,
227.526


 100, 25.281,
227.526


 49, 25.281,
227.526


 79, 25.281,
227.526

 39, 25.281,
227.526

 89, 25.281,
227.526

 29, 25.281,
227.526

 99, 25.281,
227.526

 19, 25.281,
227.526

 9, 25.281, 227.526

 0, 25.281, 227.526

59, 25.281,
227.526

59, 25.281,
227.526

57, 28.107,
229.568

61, 21.855,
225.936

56, 30.316,
232.153

63, 17.883,
224.720

54, 31.940,
235.357

65, 13.435,
223.806

53, 33.088,
239.198

67, 8.588, 223.141

52, 33.485,
240.649

70, 3.417, 222.727

72, 2.010, 41.992

74, 7.632, 41.930

77, 13.401, 41.806

80, 19.272, 41.735

Harmonies

Complementary

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



59, 25.281, 227.526



50, 38.511, 42.227

Rectangle

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



59, 25.281, 227.526



59, 25.281, 277.526



59, 25.281, 47.526



59, 25.281, 97.526

Sweetspot

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



59, 25.280, 227.525



85, 11.063, 223.195



64, 55.075, 145.864



45, 7.418, 223.311



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, 25.280, 227.525



73, 35.135, 230.250



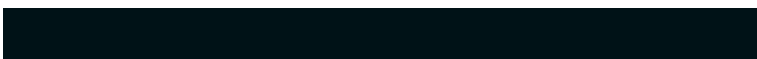
45, 42.153, 285.266



36, 3.022, 222.813



45, 30.032, 240.097



4, 6.395, 231.865

Inverse Universe

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



48, 54.461, 335.299



57, 77.653, 336.368



62, 40.646, 87.710



34, 5.637, 331.949



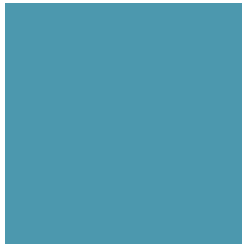
34, 65.742, 339.457



2, 11.189, 334.380

Previews

White Background



This preview shows how the CIELCh color 59, 25.281, 227.526 looks on a white background.

Color Contrast Check

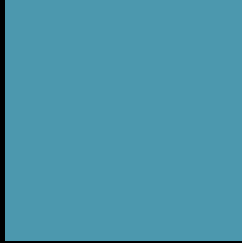
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.281, 227.526 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, 25.281, 227.526

Background



This preview shows how black text looks on a background with the CIELCh color 59, 25.281, 227.526.



This preview shows how white text looks on a background with the CIELCh color 59, 25.281, 227.526.

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, 25.281, 227.526

Protanopia

59, 14.795, 286.295

Deuteranopia

59, 22.152, 291.780



Tritanopia
59, 25.049, 214.683

Trichromacy



Original Color
59, 25.281, 227.526

Protanomaly
58, 17.125, 255.277

Deuteranomaly
58, 20.559, 265.386

Tritanomaly
59, 25.067, 218.903

Monochromacy



Original Color
59, 25.281, 227.526

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 10.668, 224.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 25.281, 227.526 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(76, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(76, 152, 174)  
}
```

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(76, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 152, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 25.281, 227.526 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(76, 152, 174) }
```

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

```
.border{ border-color:rgb(76, 152, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(76, 152,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 25.281, 227.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 152, 174) }
```

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

```
.background{ background-color: rgb(76, 152,  
174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor