

Converting Colors

CIE LCh(59, 25.122, 226.211)

Have a look what the booklet for
CIELCh(59, 25.122, 226.211)
contains.

CIELCh(59, 25.111, 226.233)	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, 25.111, 226.233)

Conversions

Conversions Part 1

Format	Color
Hex	4C98AD
RGB	76, 152, 173
RGB Percent	30%, 60%, 68%
CMY	0.7017, 0.4037, 0.3214
CMYK	0.56, 0.12, 0.00, 0.32
HSL	193°, 39%, 49%
HSV	193°, 56%, 68%
XYZ	21.7667, 27.0277, 43.6270
YIQ	131.6700, -52.0370, -9.5810

Conversions

Conversions Part 2

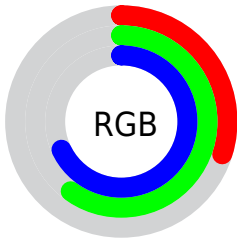
Format	Color
R_{YB}	76, 119, 173
Decimal	5019821
CIE _{Lab}	59.00, -17.37, -18.13
CIE _{LCh}	59, 25.111, 226.233
Yxy	27.0277, 0.2355, 0.2924
Android (android.graphics.Color)	4283209901 (0xFF4C98AD)
YUV	131.6700, 20.3757, -48.8226
Hunter-Lab	51.9882, -16.2442, -13.3627

Details

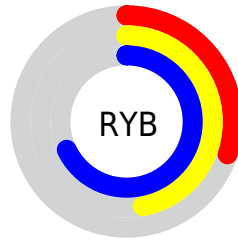
The CIELCh color **59, 25.111, 226.233** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 38.272, 41.541**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 25.109, 226.155**, and **39, 25.085, 226.689** is the 20% darker color. If you saturate the color by 10%, you get **57, 27.920, 228.174**, and if you desaturate by 10%, it is **61, 21.695, 224.729**.

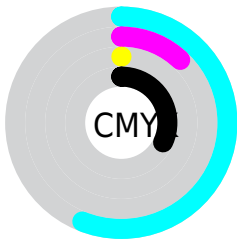
Distribution



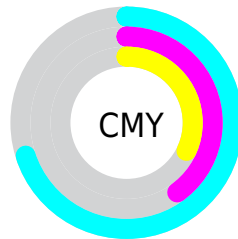
- Red (30%)
- Green (60%)
- Blue (68%)



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



- Cyan (56%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 25.111, 226.233 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, 25.111, 226.233 by changing the saturation by 10% instead.


 59, 25.111,
226.233


 59, 25.111,
226.233


 100, 25.111,
226.233


 49, 25.111,
226.233


 79, 25.111,
226.233


 39, 25.111,
226.233


 89, 25.111,
226.233

 29, 25.111,
226.233

 99, 25.111,
226.233

 19, 25.111,
226.233

 9, 25.111, 226.233

 0, 25.111, 226.233

■ 59, 25.111,
226.233

■ 59, 25.111,
226.233

■ 57, 27.920,
228.174

■ 61, 21.695,
224.729

■ 56, 30.101,
230.640

■ 63, 17.728,
223.585

■ 54, 31.682,
233.708

■ 65, 13.281,
222.733

■ 53, 32.764,
237.409

■ 67, 8.434, 222.120

■ 69, 3.260, 221.758

■ 52, 33.158,
238.928

■ 72, 2.169, 41.074

■ 74, 7.796, 41.031

■ 77, 13.567, 40.938

■ 79, 19.442, 40.895

Harmonies

Complementary

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



59, 25.111, 226.233



49, 38.272, 41.541

Rectangle

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



59, 25.111, 226.233



59, 25.111, 276.233



59, 25.111, 46.233



59, 25.111, 96.233

Sweetspot

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



59, 25.110, 226.232



85, 10.997, 222.185



64, 55.266, 145.362



44, 7.306, 222.291



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 25.110, 226.232



73, 34.525, 228.650



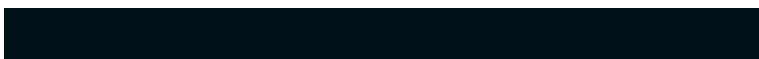
45, 40.784, 284.077



36, 3.032, 221.837



46, 29.864, 238.409



4, 6.403, 230.671

Inverse Universe

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



47, 54.286, 334.937



57, 76.601, 335.911



61, 39.807, 86.446



34, 5.669, 331.660



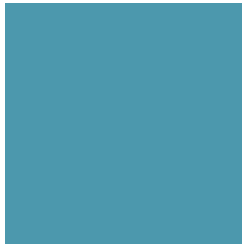
34, 66.119, 338.964



2, 11.268, 333.992

Previews

White Background



This preview shows how the CIELCh color 59, 25.111, 226.233 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, 25.111, 226.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

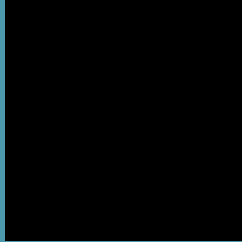
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 25.111, 226.233

Background



This preview shows how black text looks on a background with the CIELCh color 59, 25.111, 226.233.



This preview shows how white text looks on a background with the CIELCh color 59, 25.111, 226.233.

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, 25.111, 226.233

Protanopia

59, 14.232, 285.994

Deuteranopia

59, 21.587, 291.693



Tritanopia
59, 25.049, 214.683

Trichromacy



Original Color
59, 25.111, 226.233

Protanomaly
58, 16.696, 253.968

Deuteranomaly
58, 20.072, 264.514

Tritanomaly
59, 25.067, 218.903

Monochromacy



Original Color
59, 25.111, 226.233

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, 25.111, 226.233 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(76, 152, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 152, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 25.111, 226.233 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, 173) }
```

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

```
.border{ border-color:rgb(76, 152, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 152, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 152, 173);  
box-shadow:4px 4px 4px 4px rgb(76, 152,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 25.111, 226.233 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, 173) }
```

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

```
.background{ background-color: rgb(76, 152,  
173) }
```

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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