

Converting Colors

CIELCh(59, 26.932, 200.937)

Have a look what the booklet for
CIELCh(59, 26.932, 200.937)
contains.

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Color

CIELCh(59, 26.902, 200.723)

Conversions

Conversions Part 1

Format	Color
Hex	439B9E
RGB	67, 155, 158
RGB Percent	26%, 61%, 62%
CMY	0.7381, 0.3929, 0.3811
CMYK	0.58, 0.02, 0.00, 0.38
HSL	182°, 41%, 44%
HSV	182°, 58%, 62%
XYZ	20.1455, 27.0277, 36.4180
YIQ	129.0300, -53.4110, -17.7230

Conversions

Conversions Part 2

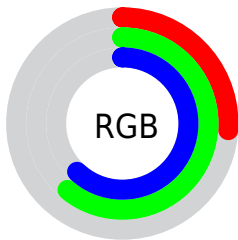
Format	Color
R _Y B	67, 112, 158
Decimal	4430750
CIE Lab	59.00, -25.16, -9.52
CIE LCh	59, 26.902, 200.723
Yxy	27.0277, 0.2410, 0.3233
Android (android.graphics.Color)	4282620830 (0xFF439B9E)
YUV	129.0300, 14.2822, -54.4003
Hunter-Lab	51.9882, -21.8105, -5.1412

Details

The CIELCh color **59, 26.902, 200.723** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **41, 41.424, 28.497**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 26.965, 200.956**, and **39, 25.193, 202.158** is the 20% darker color. If you saturate the color by 10%, you get **58, 29.573, 200.751**, and if you desaturate by 10%, it is **60, 23.526, 200.799**.

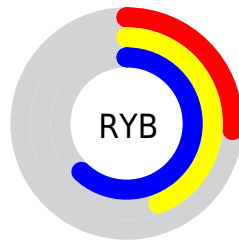
Distribution



Red (26%)

Green (61%)

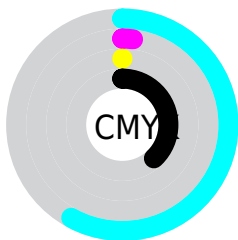
Blue (62%)



Red (26%)

Yellow (44%)

Blue (62%)

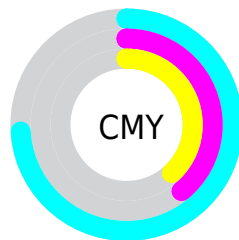


Cyan (58%)

Magenta (2%)

Yellow (0%)

Black (38%)



Cyan (74%)


Magenta (39%)


Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 26.902, 200.723 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, 26.902, 200.723 by changing the saturation by 10% instead.


 59, 26.902,
200.723


 59, 26.902,
200.723


 100, 26.902,
200.723

 49, 26.902,
200.723


 79, 26.902,
200.723

 39, 26.902,
200.723

 89, 26.902,
200.723

 29, 26.902,
200.723

 99, 26.902,
200.723

 19, 26.902,
200.723

 9, 26.902, 200.723

 0, 26.902, 200.723

■ 59, 26.902,
200.723

■ 59, 26.902,
200.723

■ 58, 29.573,
200.751

■ 60, 23.526,
200.799

■ 58, 31.514,
200.899

■ 61, 19.505,
200.974

■ 58, 32.739,
201.169

■ 62, 14.916,
201.236

■ 57, 33.358,
201.554

■ 63, 9.850, 201.578

■ 64, 4.395, 202.022

■ 57, 33.478,
201.647

■ 65, 1.361, 22.007

■ 67, 7.341, 22.756

■ 68, 13.478, 23.283

■ 70, 19.717, 23.812

Harmonies

Complementary

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



59, 26.902, 200.723



41, 41.424, 28.497

Rectangle

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



59, 26.902, 200.723



59, 26.902, 250.723



59, 26.902, 20.723



59, 26.902, 70.723

Sweetspot

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



59, 26.902, 200.721



79, 11.688, 201.592



58, 59.576, 140.031



41, 7.757, 201.523



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, 26.902, 200.721



74, 36.479, 200.778



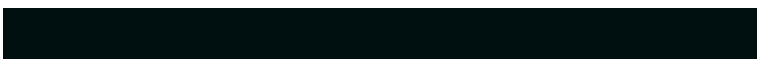
46, 30.041, 268.671



33, 3.230, 201.940



52, 31.128, 201.600



3, 4.295, 202.962

Inverse Universe

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



44, 58.381, 328.312



52, 81.974, 328.807



51, 34.753, 69.932



31, 5.969, 325.811



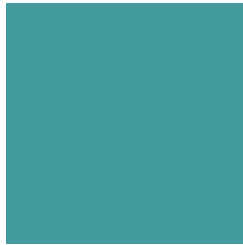
33, 73.173, 329.557



1, 7.726, 325.546

Previews

White Background



This preview shows how the CIE LCh color 59, 26.902, 200.723 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, 26.902, 200.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

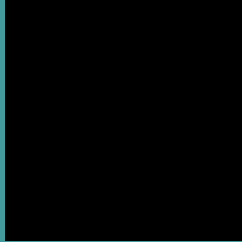
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 26.902, 200.723

Background



This preview shows how black text looks on a background with the CIELCh color 59, 26.902, 200.723.

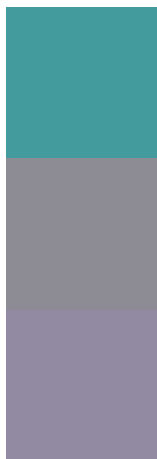


This preview shows how white text looks on a background with the CIELCh color 59, 26.902, 200.723.

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, 26.902, 200.723

Protanopia

59, 5.133, 295.027

Deuteranopia

59, 13.922, 302.393



Tritanopia
59, 25.829, 212.729

Trichromacy



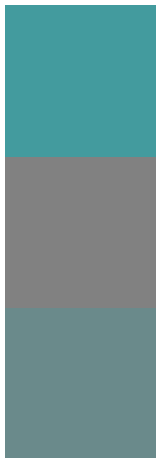
Original Color
59, 26.902, 200.723

Protanomaly
58, 11.688, 218.477

Deuteranomaly
58, 12.911, 243.773

Tritanomaly
59, 25.993, 208.664

Monochromacy



Original Color
59, 26.902, 200.723

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 11.737, 201.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 26.902, 200.723 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(67, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(67, 155, 158)  
}
```

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(67, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 155, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 26.902, 200.723 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(67, 155, 158) }
```

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

```
.border{ border-color:rgb(67, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(67, 155,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 26.902, 200.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 155, 158) }
```

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

```
.background{ background-color: rgb(67, 155,  
158) }
```

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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