

Converting Colors

CIELCh(59, 22.601, 219.871)

Have a look what the booklet for
CIELCh(59, 22.601, 219.871)
contains.

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Color

CIELCh(59, 22.629, 219.946)

Conversions

Conversions Part 1

Format	Color
Hex	5498A7
RGB	84, 152, 167
RGB Percent	33%, 60%, 65%
CMY	0.6716, 0.4049, 0.3461
CMYK	0.50, 0.09, 0.00, 0.35
HSL	191°, 33%, 49%
HSV	191°, 50%, 65%
XYZ	21.7712, 27.0277, 40.5047
YIQ	133.3780, -45.3430, -9.7510

Conversions

Conversions Part 2

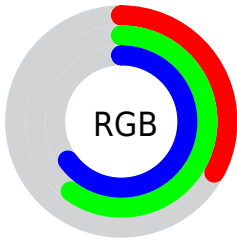
Format	Color
R_{YB}	84, 121, 167
Decimal	5544103
CIE _{Lab}	59.00, -17.35, -14.53
CIE _{LCh}	59, 22.629, 219.946
Yxy	27.0277, 0.2438, 0.3026
Android (android.graphics.Color)	4283734183 (0xFF5498A7)
YUV	133.3780, 16.5756, -43.3045
Hunter-Lab	51.9882, -16.2284, -9.8019

Details

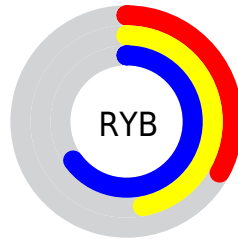
The CIELCh color **59, 22.629, 219.946** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 32.868, 38.134**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 22.536, 220.499**, and **39, 22.606, 219.647** is the 20% darker color. If you saturate the color by 10%, you get **57, 25.694, 221.235**, and if you desaturate by 10%, it is **61, 18.968, 218.982**.

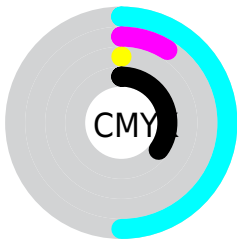
Distribution



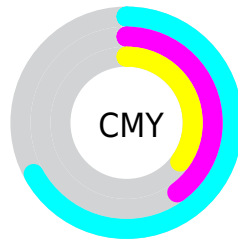
- Red (33%)
- Green (60%)
- Blue (65%)



- Red (33%)
- Yellow (47%)
- Blue (65%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (40%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 22.629, 219.946 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, 22.629, 219.946 by changing the saturation by 10% instead.


 59, 22.629,
219.946

 59, 22.629,
219.946


 100, 22.629,
219.946


 49, 22.629,
219.946


 79, 22.629,
219.946

 39, 22.629,
219.946

 89, 22.629,
219.946

 29, 22.629,
219.946

 99, 22.629,
219.946

 19, 22.629,
219.946

 9, 22.629, 219.946

 0, 22.629, 219.946

■ 59, 22.629,
219.946

■ 59, 22.629,
219.946

■ 57, 25.694,
221.235

■ 61, 18.968,
218.982

■ 56, 28.115,
222.925

■ 62, 14.783,
218.288

■ 55, 29.875,
225.090

■ 64, 10.155,
217.813

■ 54, 31.011,
227.797

■ 66, 5.163, 217.536

■ 52, 31.717,
230.968

■ 68, 0.118, 33.186

■ 52, 31.732,
231.038

■ 71, 5.621, 37.078

■ 73, 11.292, 37.110

■ 75, 17.083, 37.173

■ 78, 22.956, 37.275

Harmonies

Complementary

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



59, 22.629, 219.946



49, 32.868, 38.134

Rectangle

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



59, 22.629, 219.946



59, 22.629, 269.946



59, 22.629, 39.946



59, 22.629, 89.946

Sweetspot

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



59, 22.629, 219.944



83, 9.661, 217.662



62, 49.308, 145.116



44, 6.605, 217.725



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 22.629, 219.944



73, 31.670, 221.433



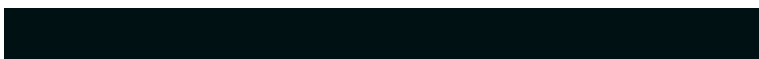
47, 33.333, 280.016



35, 3.014, 217.528



47, 29.047, 230.653



4, 5.473, 223.977

Inverse Universe

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



48, 48.678, 333.029



57, 70.372, 333.810



59, 33.494, 84.644



33, 5.673, 330.391



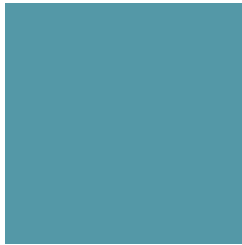
33, 67.050, 336.819



2, 9.876, 331.888

Previews

White Background



This preview shows how the CIE LCh color 59, 22.629, 219.946 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, 22.629, 219.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

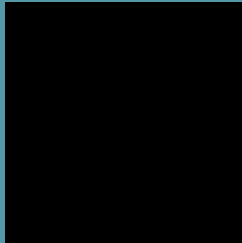
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 22.629, 219.946

Background



This preview shows how black text looks on a background with the CIELCh color 59, 22.629, 219.946.



This preview shows how white text looks on a background with the CIELCh color 59, 22.629, 219.946.

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, 22.629, 219.946

Protanopia

59, 10.798, 287.509

Deuteranopia

59, 18.238, 295.599



Tritanopia
59, 22.584, 215.287

Trichromacy



Original Color
59, 22.629, 219.946

Protanomaly
58, 13.444, 248.624

Deuteranomaly
59, 16.482, 263.142

Tritanomaly
59, 22.659, 216.769

Monochromacy



Original Color
59, 22.629, 219.946

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.536, 216.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 22.629, 219.946 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(84, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(84, 152, 167)  
}
```

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(84, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 152, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 22.629, 219.946 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(84, 152, 167) }
```

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

```
.border{ border-color:rgb(84, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(84, 152,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 22.629, 219.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 152, 167) }
```

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

```
.background{ background-color: rgb(84, 152,  
167) }
```

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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