

Converting Colors

CIElCh(59, 20.228, 181.155)

Have a look what the booklet for
CIELCh(59, 20.228, 181.155)
contains.

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Color

CIELCh(59, 20.215, 181.177)

Conversions

Conversions Part 1

Format	Color
Hex	62988E
RGB	98, 152, 142
RGB Percent	38%, 60%, 56%
CMY	0.6155, 0.4037, 0.4429
CMYK	0.36, 0.00, 0.07, 0.40
HSL	169°, 22%, 49%
HSV	169°, 36%, 60%
XYZ	21.1659, 27.0277, 29.7130
YIQ	134.7140, -28.9740, -14.5580

Conversions

Conversions Part 2

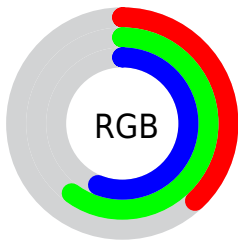
Format	Color
R _Y B	98, 128, 152
Decimal	6461582
CIE Lab	59.00, -20.21, -0.42
CIE LCh	59, 20.215, 181.177
Yxy	27.0277, 0.2717, 0.3469
Android (android.graphics.Color)	4284651662 (0xFF62988E)
YUV	134.7140, 3.5920, -32.1982
Hunter-Lab	51.9882, -18.3070, 2.5055

Details

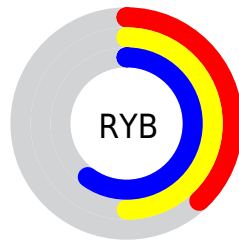
The CIELCh color **59, 20.215, 181.177** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 23.559, 8.421**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 19.836, 182.253**, and **39, 20.373, 181.105** is the 20% darker color. If you saturate the color by 10%, you get **58, 25.112, 180.138**, and if you desaturate by 10%, it is **60, 14.888, 182.150**.

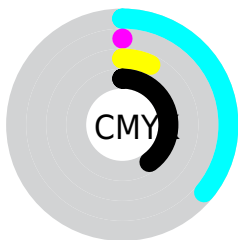
Distribution



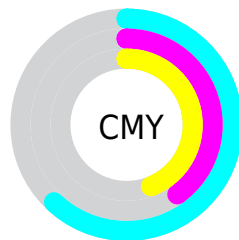
- Red (38%)
- Green (60%)
- Blue (56%)



- Red (38%)
- Yellow (50%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)





- Cyan (62%)
- Magenta (40%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 20.215, 181.177 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, 20.215, 181.177 by changing the saturation by 10% instead.


 59, 20.215,
181.177


 59, 20.215,
181.177


 100, 20.215,
181.177


 49, 20.215,
181.177


 79, 20.215,
181.177


 39, 20.215,
181.177


 89, 20.215,
181.177

 29, 20.215,
181.177

 99, 20.215,
181.177

 19, 20.215,
181.177

 9, 20.215, 181.177

 0, 20.215, 181.177

■ 59, 20.215,
181.177

■ 59, 20.215,
181.177

■ 58, 25.112,
180.138

■ 60, 14.888,
182.150

■ 58, 29.484,
179.024

■ 61, 9.227, 183.085

■ 62, 3.324, 184.041

■ 57, 33.250,
177.811

■ 63, 2.737, 4.602

■ 57, 36.357,
176.479

■ 65, 8.886, 5.519

■ 56, 38.791,
175.006

■ 66, 15.065, 6.323

■ 68, 21.229, 7.092

■ 56, 40.601,
173.385

■ 70, 27.345, 7.834

■ 56, 41.337,
172.660

■ 72, 33.388, 8.553

Harmonies

Complementary

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



59, 20.215, 181.177



48, 23.559, 8.421

Rectangle

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



59, 20.215, 181.177



59, 20.215, 231.177



59, 20.215, 1.177



59, 20.215, 51.177

Sweetspot

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



59, 20.216, 181.175



79, 8.196, 183.482



59, 34.896, 136.930



41, 5.483, 183.368



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 20.216, 181.175



75, 29.695, 180.313



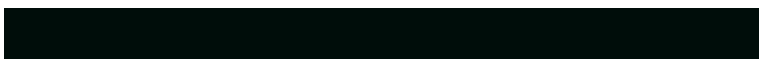
54, 15.656, 235.213



32, 3.410, 183.669



52, 38.906, 172.796



3, 3.756, 183.356

Inverse Universe

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



48, 23.559, 8.421



58, 36.010, 9.848



51, 19.386, 49.567



30, 3.539, 5.145



29, 59.442, 29.221



1, 3.732, 4.620

Previews

White Background



This preview shows how the CIELCh color 59, 20.215, 181.177 looks on a white background.

Color Contrast Check

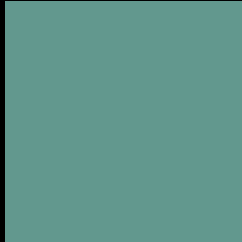
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.215, 181.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

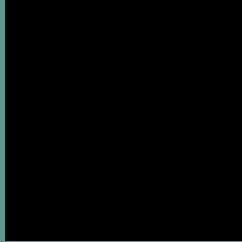
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 20.215, 181.177

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.215, 181.177.

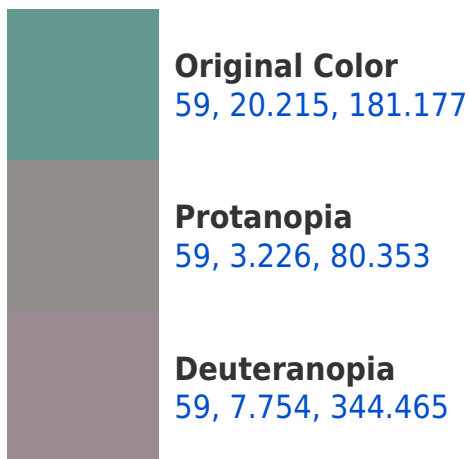


This preview shows how white text looks on a background with the CIELCh color 59, 20.215, 181.177.

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, 16.774, 222.239

Trichromacy



Original Color
59, 20.215, 181.177

Protanomaly
59, 7.709, 167.721

Deuteranomaly
58, 3.596, 217.646

Tritanomaly
59, 17.002, 205.634

Monochromacy



Original Color
59, 20.215, 181.177

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 7.470, 185.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.215, 181.177 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(98, 152, 142)` looks like.

```
.text, #text, p{  
    color:rgb(98, 152, 142)  
}
```

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(98, 152, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 152, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.215, 181.177 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(98, 152, 142) }
```

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

```
.border{ border-color:rgb(98, 152, 142) }
```

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

Here you see how a box with a 4 pixel rgb(98, 152, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 152, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 152, 142);  
box-shadow:4px 4px 4px 4px rgb(98, 152,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.215, 181.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 152, 142) }
```

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

```
.background{ background-color: rgb(98, 152,  
142) }
```

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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