

Converting Colors

CIELCh(59, 9.985, 180.498)

Have a look what the booklet for
CIELCh(59, 9.985, 180.498) contains.

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Color

CIELCh(59, 9.887, 181.796)

Conversions

Conversions Part 1

Format	Color
Hex	7A938E
RGB	122, 147, 142
RGB Percent	48%, 58%, 56%
CMY	0.5209, 0.4229, 0.4425
CMYK	0.17, 0.00, 0.03, 0.42
HSL	168°, 10%, 53%
HSV	168°, 17%, 58%
XYZ	23.4045, 27.0277, 29.6407
YIQ	138.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

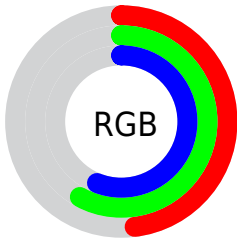
Format	Color
R_{YB}	122, 136, 147
Decimal	8033166
CIE _{Lab}	59.00, -9.88, -0.31
CIE _{LCh}	59, 9.887, 181.796
Yxy	27.0277, 0.2923, 0.3375
Android (android.graphics.Color)	4286223246 (0xFF7A938E)
YUV	138.9550, 1.5012, -14.8695
Hunter-Lab	51.9882, -10.6207, 2.5880

Details

The CIELCh color $59, 9.887, 181.796$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 10.563, 4.846$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 9.724, 182.744$, and $39, 9.583, 183.308$ is the 20% darker color. If you saturate the color by 10%, you get $58, 15.415, 180.836$, and if you desaturate by 10%, it is $60, 4.124, 182.740$.

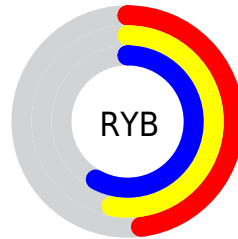
Distribution



Red (48%)

Green (58%)

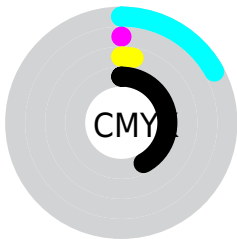
Blue (56%)



Red (48%)

Yellow (53%)

Blue (58%)

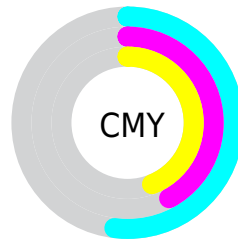


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (42%)



Cyan (52%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 9.887, 181.796 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, 9.887, 181.796 by changing the saturation by 10% instead.

■ 59, 9.887, 181.796

■ 59, 9.887, 181.796

■ 100, 9.887,
181.796

■ 49, 9.887, 181.796

■ 79, 9.887, 181.796

■ 39, 9.887, 181.796

■ 89, 9.887, 181.796

■ 29, 9.887, 181.796

■ 99, 9.887, 181.796

■ 19, 9.887, 181.796

■ 9, 9.887, 181.796

■ 0, 9.887, 181.796

■ 59, 9.887, 181.796

■ 59, 9.887, 181.796

■ 58, 15.415,
180.836

■ 60, 4.124, 182.740

■ 61, 1.796, 3.269

■ 57, 20.615,
179.832

■ 63, 7.802, 4.263

■ 56, 25.392,
178.759

■ 64, 13.836, 5.077

■ 56, 29.655,
177.599

■ 66, 19.855, 5.851

■ 55, 33.328,
176.331

■ 69, 31.720, 7.316

■ 55, 36.363,
174.932

■ 71, 37.525, 8.013

■ 55, 38.748,
173.383

■ 73, 43.228, 8.688

■ 54, 40.569,
171.695

■ 54, 41.089,
171.197

Harmonies

Complementary

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



59, 9.887, 181.796



54, 10.563, 4.846

Rectangle

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



59, 9.887, 181.796



59, 9.887, 231.796



59, 9.887, 1.796



59, 9.887, 51.796

Sweetspot

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



59, 9.888, 181.791



77, 3.658, 182.941



59, 16.183, 137.531



41, 2.514, 182.871



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 9.888, 181.791



75, 14.327, 181.468



57, 7.675, 230.783



31, 3.337, 182.523



51, 39.088, 171.317



2, 2.956, 183.256

Inverse Universe

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



54, 10.563, 4.846



67, 15.522, 5.240



55, 8.451, 48.530



29, 3.457, 4.009



28, 58.060, 27.998



1, 2.956, 3.241

Previews

White Background



This preview shows how the CIELCh color 59, 9.887, 181.796 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, 9.887, 181.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

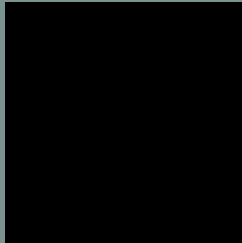
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

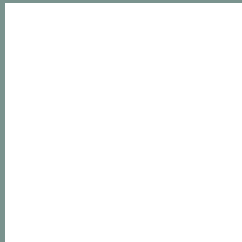
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 9.887, 181.796

Background



This preview shows how black text looks on a background with the CIELCh color 59, 9.887, 181.796.

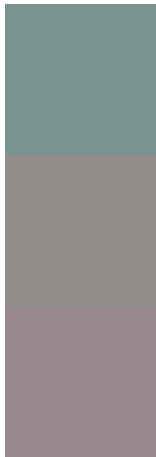


This preview shows how white text looks on a background with the CIELCh color 59, 9.887, 181.796.

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

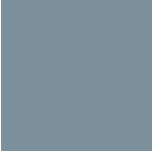
59, 9.887, 181.796

Protanopia

59, 1.927, 55.180

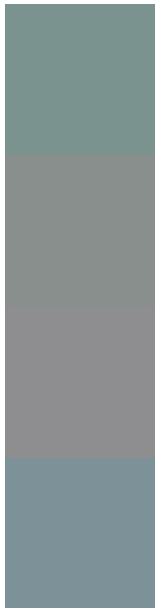
Deuteranopia

59, 7.784, 349.629



Tritanopia
59, 9.775, 243.200

Trichromacy



Original Color
59, 9.887, 181.796

Protanomaly
59, 2.899, 163.428

Deuteranomaly
59, 1.210, 309.051

Tritanomaly
59, 8.663, 221.953

Monochromacy



Original Color
59, 9.887, 181.796

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.670, 181.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 9.887, 181.796 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(122, 147, 142)` looks like.

```
.text, #text, p{  
    color:rgb(122, 147, 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(122, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 147, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 9.887, 181.796 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(122, 147, 142) }
```

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

```
.border{ border-color:rgb(122, 147, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 147, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(122, 147,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 9.887, 181.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 147, 142) }
```

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

```
.background{ background-color: rgb(122,  
147, 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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