

Converting Colors

CIELCh(59, 19.830, 151.000)

Have a look what the booklet for
CIELCh(59, 19.830, 151.000)
contains.

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Color

CIELCh(59, 19.480, 151.258)

Conversions

Conversions Part 1

Format	Color
Hex	74967D
RGB	116, 150, 125
RGB Percent	45%, 59%, 49%
CMY	0.5449, 0.4115, 0.5096
CMYK	0.23, 0.00, 0.17, 0.41
HSL	136°, 14%, 52%
HSV	136°, 23%, 59%
XYZ	21.8286, 27.0277, 23.4853
YIQ	136.9840, -12.2390, -14.9830

Conversions

Conversions Part 2

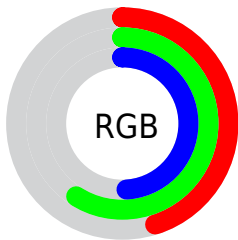
Format	Color
R_{YB}	116, 143, 150
Decimal	7640701
CIE Lab	59.00, -17.08, 9.37
CIE LCh	59, 19.480, 151.258
Yxy	27.0277, 0.3017, 0.3736
Android (android.graphics.Color)	4285830781 (0xFF74967D)
YUV	136.9840, -5.9081, -18.4030
Hunter-Lab	51.9882, -16.0314, 9.6080

Details

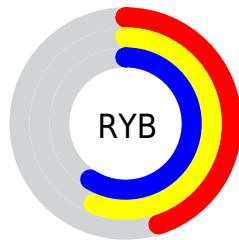
The CIELCh color $59, 19.480, 151.258$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 19.616, 334.387$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 19.036, 151.399$, and $39, 19.481, 151.123$ is the 20% darker color. If you saturate the color by 10%, you get $58, 28.025, 150.342$, and if you desaturate by 10%, it is $60, 10.859, 152.061$.

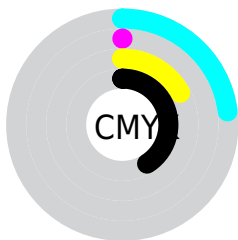
Distribution



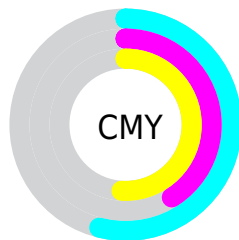
- Red (45%)
- Green (59%)
- Blue (49%)



- Red (45%)
- Yellow (56%)
- Blue (59%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)





- Cyan (54%)
- Magenta (41%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 19.480, 151.258 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, 19.480, 151.258 by changing the saturation by 10% instead.


 59, 19.480,
151.258


 59, 19.480,
151.258


 100, 19.480,
151.258


 49, 19.480,
151.258


 79, 19.480,
151.258

 39, 19.480,
151.258

 89, 19.480,
151.258

 29, 19.480,
151.258

 99, 19.480,
151.258

 19, 19.480,
151.258

 9, 19.480, 151.258

 0, 19.480, 151.258

■ 59, 19.480,
151.258

■ 59, 19.480,
151.258

■ 58, 28.025,
150.342

■ 60, 10.859,
152.061

■ 57, 36.358,
149.290

■ 62, 2.265, 152.845

■ 63, 6.217, 333.291

■ 56, 44.327,
148.083

■ 65, 14.528,
333.850

■ 55, 51.768,
146.708

■ 67, 22.627,
334.331

■ 55, 58.520,
145.165

■ 69, 30.489,
334.758

■ 54, 64.440,
143.473


■ 71, 38.103,
335.142

■ 54, 69.420,
141.682

■ 73, 45.464,
335.488

■ 54, 72.552,

140.455

 75, 52.575,
335.803

Harmonies

Complementary

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



59, 19.480, 151.258



53, 19.616, 334.387

Rectangle

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



59, 19.480, 151.258



59, 19.480, 201.258



59, 19.480, 331.258



59, 19.480, 21.258

Sweetspot

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



59, 19.481, 151.258



77, 7.372, 152.473



61, 19.290, 118.524



40, 4.778, 152.436



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, 19.481, 151.258



74, 28.584, 150.827



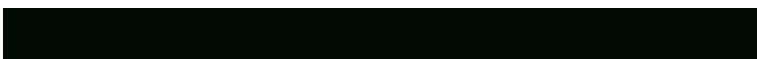
59, 13.650, 177.449



31, 4.779, 152.321



50, 67.899, 140.612



2, 4.168, 152.901

Inverse Universe

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



53, 19.616, 334.387



65, 28.804, 334.736



52, 14.735, 1.814



29, 4.799, 333.453



30, 60.013, 341.933



1, 4.169, 332.894

Previews

White Background



This preview shows how the CIELCh color 59, 19.480, 151.258 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, 19.480, 151.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

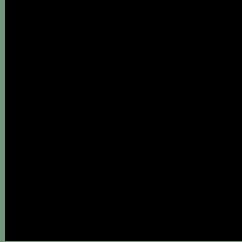
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 19.480, 151.258

Background



This preview shows how black text looks on a background with the CIELCh color 59, 19.480, 151.258.



This preview shows how white text looks on a background with the CIELCh color 59, 19.480, 151.258.

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, 19.480, 151.258

Protanopia
59, 11.757, 92.489

Deuteranopia
59, 10.902, 44.620



Tritanopia
59, 10.481, 235.433

Trichromacy



Original Color
59, 19.480, 151.258

Protanomaly
59, 12.732, 121.659

Deuteranomaly
59, 7.994, 100.491

Tritanomaly
59, 10.124, 192.022

Monochromacy



Original Color
59, 19.480, 151.258

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 7.258, 154.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 19.480, 151.258 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(116, 150, 125)` looks like.

```
.text, #text, p{  
    color:rgb(116, 150, 125)  
}
```

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(116, 150, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 150, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 19.480, 151.258 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(116, 150, 125) }
```

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

```
.border{ border-color:rgb(116, 150, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 150, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 150, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 150, 125);  
box-shadow:4px 4px 4px 4px rgb(116, 150,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 19.480, 151.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 150, 125) }
```

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

```
.background{ background-color: rgb(116,  
150, 125) }
```

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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