

Converting Colors

CIELCh(57, 22.083, 199.476)

Have a look what the booklet for
CIELCh(57, 22.083, 199.476)
contains.

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Color

CIELCh(57, 22.155, 198.873)

Conversions

Conversions Part 1

Format	Color
Hex	519495
RGB	81, 148, 149
RGB Percent	32%, 58%, 58%
CMY	0.6841, 0.4214, 0.4174
CMYK	0.46, 0.01, 0.00, 0.42
HSL	181°, 30%, 45%
HSV	181°, 46%, 58%
XYZ	19.2620, 24.9227, 32.0409
YIQ	128.0810, -40.2530, -13.8930

Conversions

Conversions Part 2

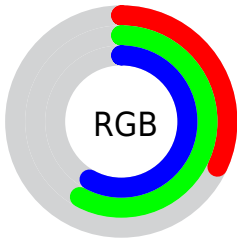
Format	Color
R _Y B	81, 115, 149
Decimal	5346453
CIE Lab	57.00, -20.96, -7.17
CIE LCh	57, 22.155, 198.873
Yxy	24.9227, 0.2527, 0.3270
Android (android.graphics.Color)	4283536533 (0xFF519495)
YUV	128.0810, 10.3131, -41.2900
Hunter-Lab	49.9226, -18.4926, -3.1072

Details

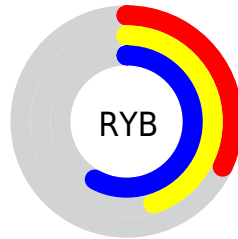
The CIELCh color **57, 22.155, 198.873** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 30.641, 25.050**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 22.024, 199.214**, and **37, 22.130, 198.317** is the 20% darker color. If you saturate the color by 10%, you get **56, 25.580, 198.651**, and if you desaturate by 10%, it is **58, 18.127, 199.165**.

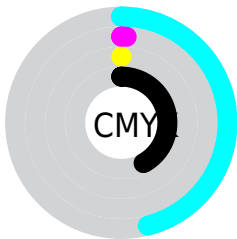
Distribution



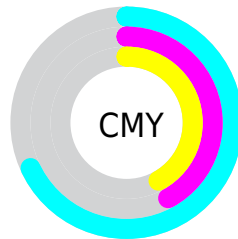
- Red (32%)
- Green (58%)
- Blue (58%)



- Red (32%)
- Yellow (45%)
- Blue (58%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)





- Cyan (68%)
- Magenta (42%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 22.155, 198.873 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 57, 22.155, 198.873 by changing the saturation by 10% instead.


 57, 22.155,
198.873


 57, 22.155,
198.873


 100, 22.155,
198.873


 47, 22.155,
198.873


 77, 22.155,
198.873


 37, 22.155,
198.873


 87, 22.155,
198.873

 27, 22.155,
198.873

 97, 22.155,
198.873

 17, 22.155,
198.873

 7, 22.155, 198.873

 0, 22.155, 198.873

■ 57, 22.155,
198.873

■ 57, 22.155,
198.873

■ 56, 25.580,
198.651

■ 58, 18.127,
199.165

■ 56, 28.342,
198.513

■ 59, 13.571,
199.528

■ 55, 30.412,
198.458

■ 60, 8.574, 199.959

■ 55, 31.795,
198.490

■ 61, 3.222, 200.504

■ 62, 2.403, 20.680

■ 55, 32.560,
198.602

■ 63, 8.228, 21.339

■ 55, 32.815,
198.658

■ 65, 14.191, 21.912

■ 66, 20.239, 22.487

■ 68, 26.329, 23.066

Harmonies

Complementary

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



57, 22.155, 198.873



43, 30.641, 25.050

Rectangle

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



57, 22.155, 198.873



57, 22.155, 248.873



57, 22.155, 18.873



57, 22.155, 68.873

Sweetspot

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



57, 22.155, 198.871



76, 9.488, 200.030



56, 46.528, 140.934



40, 6.495, 199.937



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 22.155, 198.871



72, 31.264, 198.645



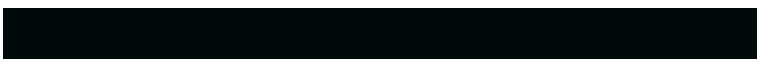
47, 22.420, 263.458



31, 3.112, 200.292



51, 31.055, 198.642



2, 2.786, 200.667

Inverse Universe

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



45, 45.922, 327.216



54, 66.974, 327.675



51, 25.499, 69.845



29, 5.718, 325.305



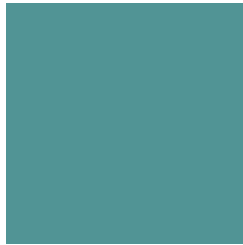
32, 72.271, 328.811



1, 4.973, 324.831

Previews

White Background



This preview shows how the CIELCh color 57, 22.155, 198.873 looks on a white background.

Color Contrast Check

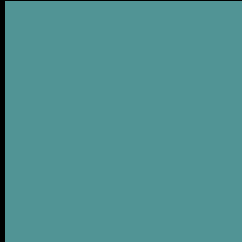
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 22.155, 198.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

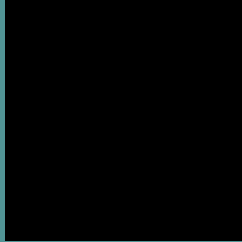
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 22.155, 198.873

Background



This preview shows how black text looks on a background with the CIELCh color 57, 22.155, 198.873.

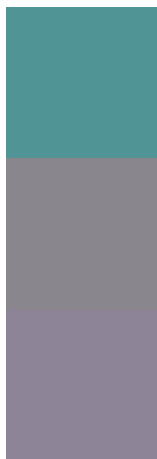


This preview shows how white text looks on a background with the CIELCh color 57, 22.155, 198.873.

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
57, 22.155, 198.873

Protanopia
57, 3.530, 303.259

Deuteranopia
57, 12.104, 309.644



Tritanopia
57, 21.134, 216.763

Trichromacy



Original Color
57, 22.155, 198.873

Protanomaly
57, 9.090, 213.253

Deuteranomaly
56, 9.755, 248.837

Tritanomaly
57, 21.412, 209.976

Monochromacy



Original Color
57, 22.155, 198.873

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 9.021, 198.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 22.155, 198.873 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(81, 148, 149)` looks like.

```
.text, #text, p{  
    color:rgb(81, 148, 149)  
}
```

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(81, 148, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 148, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 22.155, 198.873 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(81, 148, 149) }
```

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

```
.border{ border-color:rgb(81, 148, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 148, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 148, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 148, 149);  
box-shadow:4px 4px 4px 4px rgb(81, 148,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 22.155, 198.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 148, 149) }
```

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

```
.background{ background-color: rgb(81, 148,  
149) }
```

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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