

Converting Colors

CIELCh(57, 6.988, 192.228)

Have a look what the booklet for
CIELCh(57, 6.988, 192.228) contains.

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Color

CIELCh(57, 6.870, 194.005)

Conversions

Conversions Part 1

Format	Color
Hex	7A8C8B
RGB	122, 140, 139
RGB Percent	48%, 55%, 55%
CMY	0.5200, 0.4493, 0.4533
CMYK	0.13, 0.00, 0.01, 0.45
HSL	177°, 7%, 52%
HSV	177°, 13%, 55%
XYZ	22.2145, 24.9227, 28.2262
YIQ	134.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

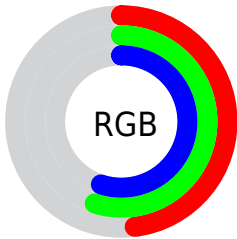
Format	Color
R_{YB}	122, 131, 140
Decimal	8031371
CIE _{Lab}	57.00, -6.67, -1.66
CIE _{LCh}	57, 6.870, 194.005
Yxy	24.9227, 0.2948, 0.3307
Android (android.graphics.Color)	4286221451 (0xFF7A8C8B)
YUV	134.5040, 2.2165, -10.9660
Hunter-Lab	49.9226, -7.9360, 1.4233

Details

The CIELCh color $57, 6.870, 194.005$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 7.376, 15.701$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 6.955, 190.038$, and $37, 6.936, 193.371$ is the 20% darker color. If you saturate the color by 10%, you get $56, 11.915, 193.321$, and if you desaturate by 10%, it is $58, 1.544, 194.865$.

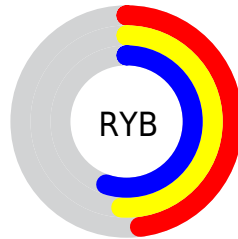
Distribution



Red (48%)

Green (55%)

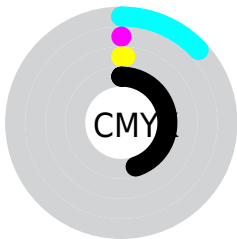
Blue (55%)



Red (48%)

Yellow (51%)

Blue (55%)

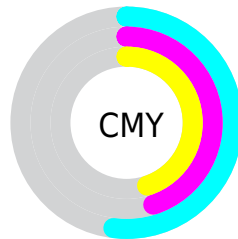


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 6.870, 194.005 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, 6.870, 194.005 by changing the saturation by 10% instead.

■ 57, 6.870, 194.005

■ 57, 6.870, 194.005

■ 100, 6.870,
194.005

■ 47, 6.870, 194.005

■ 77, 6.870, 194.005

■ 37, 6.870, 194.005

■ 87, 6.870, 194.005

■ 27, 6.870, 194.005

■ 97, 6.870, 194.005

■ 17, 6.870, 194.005

■ 7, 6.870, 194.005

■ 0, 6.870, 194.005

■ 57, 6.870, 194.005

■ 57, 6.870, 194.005

■ 56, 11.915,
193.321

■ 58, 1.544, 194.865

■ 59, 3.989, 15.155

■ 55, 16.594,
192.673

■ 61, 9.662, 15.888

■ 54, 20.822,
192.040

■ 62, 15.420, 16.577

■ 54, 24.518,
191.417

■ 63, 21.217, 17.256

■ 53, 27.615,
190.798

■ 67, 32.795, 18.588

■ 53, 30.068,
190.173

■ 68, 38.530, 19.239

■ 53, 31.864,
189.532

■ 70, 44.208, 19.877

■ 53, 33.031,
188.862

■ 52, 33.661,
188.376

Harmonies

Complementary

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



57, 6.870, 194.005



53, 7.376, 15.701

Rectangle

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



57, 6.870, 194.005



57, 6.870, 244.005



57, 6.870, 14.005



57, 6.870, 64.005

Sweetspot

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



57, 6.871, 193.995



74, 2.715, 194.698



57, 12.304, 141.972



39, 1.920, 194.626



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 6.871, 193.995



73, 9.942, 193.822



55, 5.847, 249.455



30, 3.091, 194.257



51, 32.733, 188.403



2, 2.130, 194.796

Inverse Universe

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



53, 7.376, 15.701



67, 10.830, 15.932



55, 6.111, 66.451



28, 3.251, 15.376



27, 62.381, 36.559



0, 2.130, 14.780

Previews

White Background



This preview shows how the CIE LCh color 57, 6.870, 194.005 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 57, 6.870, 194.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

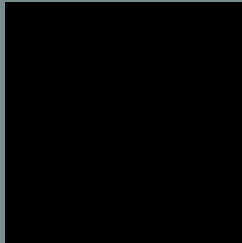
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

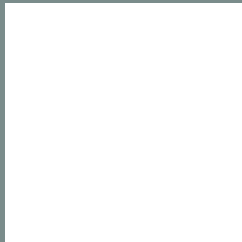
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 6.870, 194.005

Background



This preview shows how black text looks on a background with the CIELCh color 57, 6.870, 194.005.



This preview shows how white text looks on a background with the CIELCh color 57, 6.870, 194.005.

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](#).

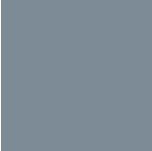
Dichromacy



Original Color
57, 6.870, 194.005

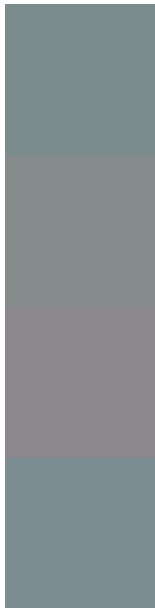
Protanopia
57, 1.319, 353.611

Deuteranopia
57, 8.143, 341.224



Tritanopia
57, 8.244, 248.830

Trichromacy



Original Color
57, 6.870, 194.005

Protanomaly
57, 1.939, 199.427

Deuteranomaly
57, 3.274, 318.914

Tritanomaly
57, 7.115, 227.758

Monochromacy



Original Color
57, 6.870, 194.005

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 2.710, 199.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 6.870, 194.005 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, 140, 139)` looks like.

```
.text, #text, p{  
    color:rgb(122, 140, 139)  
}
```

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, 140, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 140, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 6.870, 194.005 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, 140, 139) }
```

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

```
.border{ border-color:rgb(122, 140, 139) }
```

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

Here you see how a box with a 4 pixel rgb(122, 140, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 140, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 140, 139);  
box-shadow:4px 4px 4px 4px rgb(122, 140,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 6.870, 194.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 140, 139) }
```

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

```
.background{ background-color: rgb(122,  
140, 139) }
```

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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