

Converting Colors

CIELCh(68, 15.869, 194.176)

Have a look what the booklet for
CIELCh(68, 15.869, 194.176)
contains.

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Color

CIELCh(68, 15.864, 194.098)

Conversions

Conversions Part 1

Format	Color
Hex	81AEAC
RGB	129, 174, 172
RGB Percent	51%, 68%, 67%
CMY	0.4937, 0.3172, 0.3251
CMYK	0.26, 0.00, 0.01, 0.32
HSL	177°, 22%, 59%
HSV	177°, 26%, 68%
XYZ	31.6829, 37.9720, 44.7436
YIQ	160.3170, -26.1780, -10.1620

Conversions

Conversions Part 2

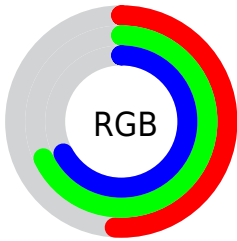
Format	Color
RYB	129, 152, 174
Decimal	8498860
CIELab	68.00, -15.39, -3.86
CIElCh	68, 15.864, 194.098
Yxy	37.9720, 0.2770, 0.3319
Android (android.graphics.Color)	4286688940 (0xFF81AEAC)
YUV	160.3170, 5.7597, -27.4650
Hunter-Lab	61.6215, -16.0610, 0.0843

Details

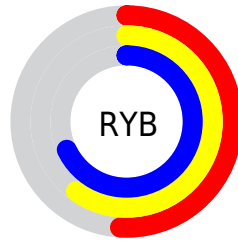
The CIELCh color **68, 15.864, 194.098** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 18.559, 17.950**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 16.055, 192.717**, and **48, 15.611, 195.554** is the 20% darker color. If you saturate the color by 10%, you get **67, 21.226, 193.481**, and if you desaturate by 10%, it is **69, 10.015, 194.735**.

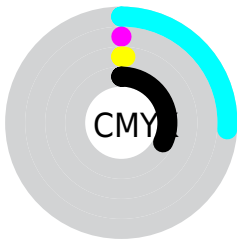
Distribution



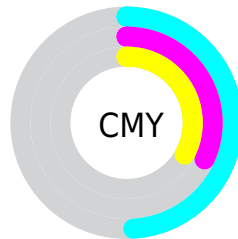
- Red (51%)
- Green (68%)
- Blue (67%)



- Red (51%)
- Yellow (60%)
- Blue (68%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)





- Cyan (49%)
- Magenta (32%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 15.864, 194.098 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 68, 15.864, 194.098 by changing the saturation by 10% instead.


 68, 15.864,
194.098


 68, 15.864,
194.098


 100, 15.864,
194.098


 58, 15.864,
194.098


 88, 15.864,
194.098

 48, 15.864,
194.098

 98, 15.864,
194.098

 38, 15.864,
194.098

 28, 15.864,
194.098

 18, 15.864,
194.098

 8, 15.864, 194.098

 0, 15.864, 194.098

68, 15.864,
194.098

68, 15.864,
194.098

67, 21.226,
193.481

69, 10.015,
194.735

66, 25.997,
192.891

70, 3.782, 195.456

72, 2.737, 15.799

66, 30.082,
192.319

73, 9.457, 16.590

65, 33.411,
191.759

75, 16.304, 17.281

65, 35.943,
191.203

77, 23.218, 17.961

78, 30.152, 18.635

64, 37.686,
190.640

79, 31.726, 18.226

64, 38.710,
190.057

79, 31.700, 17.493

64, 39.039,

189.815

Harmonies

Complementary

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



68, 15.864, 194.098



58, 18.559, 17.950

Rectangle

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



68, 15.864, 194.098



68, 15.864, 244.098



68, 15.864, 14.098



68, 15.864, 64.098

Sweetspot

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



68, 15.865, 194.094



89, 6.387, 195.272



67, 29.817, 141.507



47, 4.561, 195.162



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 15.865, 194.094



86, 23.145, 193.742



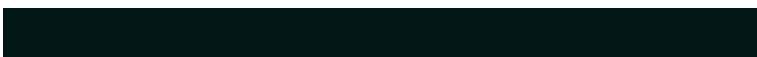
62, 13.995, 253.489



36, 3.622, 195.185



56, 35.042, 189.889



6, 7.846, 194.027

Inverse Universe

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



58, 18.559, 17.950



71, 28.144, 18.662



64, 15.332, 66.881



34, 3.820, 16.305



31, 68.373, 37.647



2, 7.818, 16.385

Previews

White Background



This preview shows how the CIELCh color 68, 15.864, 194.098 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 68, 15.864, 194.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

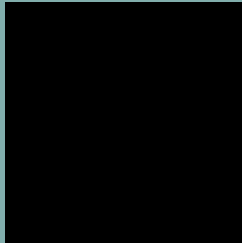
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

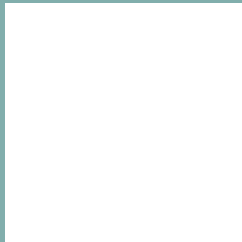
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 15.864, 194.098

Background



This preview shows how black text looks on a background with the CIELCh color 68, 15.864, 194.098.

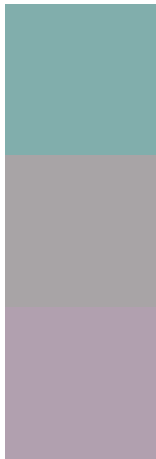


This preview shows how white text looks on a background with the CIELCh color 68, 15.864, 194.098.

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
68, 15.864, 194.098

Protanopia
68, 1.890, 343.653

Deuteranopia
68, 10.489, 328.342



Tritanopia
68, 15.370, 228.766

Trichromacy



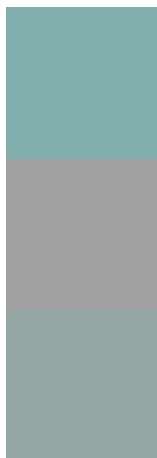
Original Color
68, 15.864, 194.098

Protanomaly
68, 5.182, 199.051

Deuteranomaly
68, 5.262, 270.253

Tritanomaly
68, 14.946, 215.564

Monochromacy



Original Color
68, 15.864, 194.098

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 5.974, 193.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 15.864, 194.098 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(129, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(129, 174, 172)  
}
```

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(129, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 174, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 15.864, 194.098 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(129, 174, 172) }
```

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

```
.border{ border-color:rgb(129, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(129, 174,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 15.864, 194.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 174, 172) }
```

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

```
.background{ background-color: rgb(129,  
174, 172) }
```

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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