

Converting Colors

CIELCh(68, 22.189, 158.797)

Have a look what the booklet for
CIELCh(68, 22.189, 158.797)
contains.

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Color

CIELCh(68, 22.079, 159.114)

Conversions

Conversions Part 1

Format	Color
Hex	82B097
RGB	130, 176, 151
RGB Percent	51%, 69%, 59%
CMY	0.4906, 0.3103, 0.4083
CMYK	0.26, 0.00, 0.14, 0.31
HSL	147°, 23%, 60%
HSV	147°, 26%, 69%
XYZ	30.2674, 37.9720, 34.9635
YIQ	159.3960, -19.3910, -17.5270

Conversions

Conversions Part 2

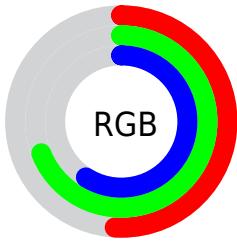
Format	Color
R _Y B	130, 162, 176
Decimal	8564887
CIE _{Lab}	68.00, -20.63, 7.87
CIE _{LCh}	68, 22.079, 159.114
Y _{xy}	37.9720, 0.2933, 0.3679
Android (android.graphics.Color)	4286754967 (0xFF82B097)
YUV	159.3960, -4.1392, -25.7803
Hunter-Lab	61.6215, -20.1616, 9.4943

Details

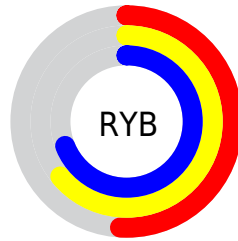
The CIELCh color **68, 22.079, 159.114** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 22.654, 343.605**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 22.240, 158.690**, and **48, 22.045, 159.228** is the 20% darker color. If you saturate the color by 10%, you get **67, 30.304, 158.035**, and if you desaturate by 10%, it is **69, 13.673, 160.075**.

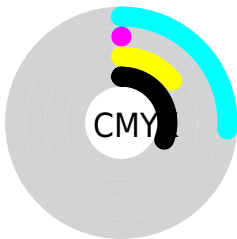
Distribution



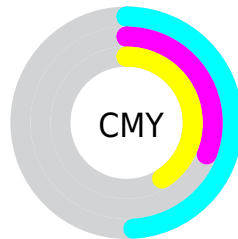
- Red (51%)
- Green (69%)
- Blue (59%)



- Red (51%)
- Yellow (64%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 22.079, 159.114 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, 22.079, 159.114 by changing the saturation by 10% instead.

 68, 22.079,
159.114


 68, 22.079,
159.114

 100, 22.079,
159.114


 58, 22.079,
159.114


 88, 22.079,
159.114

 48, 22.079,
159.114

 98, 22.079,
159.114

 38, 22.079,
159.114

 28, 22.079,
159.114

 18, 22.079,
159.114

 8, 22.079, 159.114

 0, 22.079, 159.114

68, 22.079,
159.114

68, 22.079,
159.114

67, 30.304,
158.035

69, 13.673,
160.075

66, 38.208,
156.816

71, 5.198, 160.968

65, 45.651,
155.431

72, 3.247, 341.556

64, 52.495,
153.859

74, 11.588,
342.330

64, 58.630,
152.084

76, 19.771,
342.977

63, 63.992,
150.104

78, 27.759,
343.567

63, 68.595,
147.954

80, 35.527,
344.112

63, 70.257,

81, 39.014,
338.782

147.153

 81, 42.361,
333.633

Harmonies

Complementary

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



68, 22.079, 159.114



59, 22.654, 343.605

Rectangle

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



68, 22.079, 159.114



68, 22.079, 209.114



68, 22.079, 339.114



68, 22.079, 29.114

Sweetspot

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



68, 22.080, 159.113



90, 8.398, 160.789



69, 26.290, 126.067



47, 5.965, 160.659



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, 22.080, 159.113



86, 32.388, 158.548



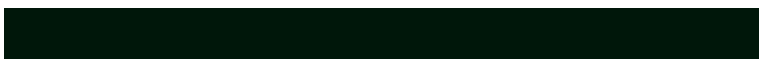
69, 16.193, 193.580



36, 4.733, 160.687



54, 62.216, 147.460



6, 10.631, 157.378

Inverse Universe

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



59, 22.654, 343.605



73, 33.385, 344.149



59, 18.948, 17.561



34, 4.782, 342.071



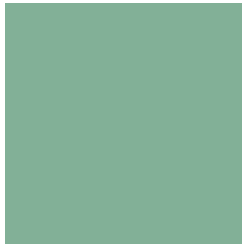
32, 57.862, 357.272



2, 9.378, 346.462

Previews

White Background



This preview shows how the CIELCh color 68, 22.079, 159.114 looks on a white background.

Color Contrast Check

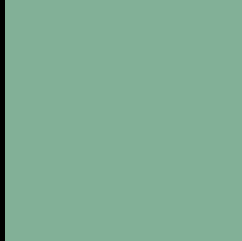
Large Text (above 18pt) WCAG AA × Fail

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, 22.079, 159.114 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, 22.079, 159.114

Background



This preview shows how black text looks on a background with the CIELCh color 68, 22.079, 159.114.



This preview shows how white text looks on a background with the CIELCh color 68, 22.079, 159.114.

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](#).

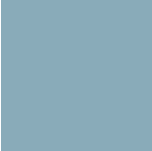
Dichromacy



Original Color
68, 22.079, 159.114

Protanopia
68, 11.416, 92.783

Deuteranopia
68, 10.669, 35.093



Tritanopia
68, 13.780, 232.844

Trichromacy



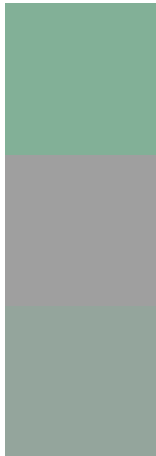
Original Color
68, 22.079, 159.114

Protanomaly
68, 12.970, 130.093

Deuteranomaly
67, 6.590, 109.485

Tritanomaly
68, 13.783, 198.286

Monochromacy



Original Color
68, 22.079, 159.114

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.190, 161.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 22.079, 159.114 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(130, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(130, 176, 151)  
}
```

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(130, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 176, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 22.079, 159.114 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(130, 176, 151) }
```

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

```
.border{ border-color:rgb(130, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(130, 176,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 22.079, 159.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 176, 151) }
```

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

```
.background{ background-color: rgb(130,  
176, 151) }
```

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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