

Converting Colors

CIELCh(68, 24.131, 198.539)

Have a look what the booklet for
CIELCh(68, 24.131, 198.539)
contains.

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Color

CIELCh(68, 24.019, 198.816)

Conversions

Conversions Part 1

Format	Color
Hex	68B2B3
RGB	104, 178, 179
RGB Percent	41%, 70%, 70%
CMY	0.5927, 0.3025, 0.2986
CMYK	0.42, 0.01, 0.00, 0.30
HSL	181°, 33%, 55%
HSV	181°, 42%, 70%
XYZ	29.7104, 37.9720, 48.3410
YIQ	155.9880, -44.4250, -15.3770

Conversions

Conversions Part 2

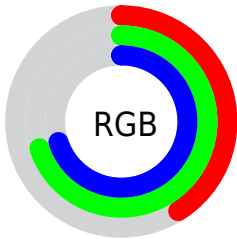
Format	Color
RYB	104, 141, 179
Decimal	6861491
CIELab	68.00, -22.74, -7.75
CIElCh	68, 24.019, 198.816
Yxy	37.9720, 0.2561, 0.3273
Android (android.graphics.Color)	4285051571 (0xFF68B2B3)
YUV	155.9880, 11.3449, -45.5935
Hunter-Lab	61.6215, -21.7748, -3.3770

Details

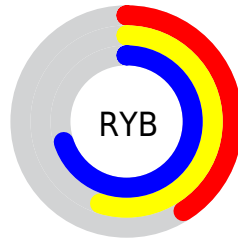
The CIELCh color **68, 24.019, 198.816** is a light color, and the websafe version is hex **669999**. A complement of this color would be **53, 32.356, 24.439**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 24.073, 199.092**, and **48, 24.096, 198.351** is the 20% darker color. If you saturate the color by 10%, you get **67, 28.241, 198.558**, and if you desaturate by 10%, it is **69, 19.111, 199.143**.

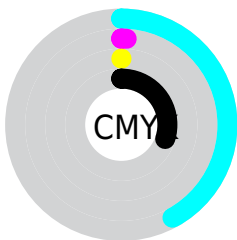
Distribution



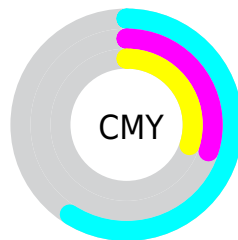
- Red (41%)
- Green (70%)
- Blue (70%)



- Red (41%)
- Yellow (55%)
- Blue (70%)



- Cyan (42%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)




- Cyan (59%)
- Magenta (30%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 24.019, 198.816 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, 24.019, 198.816 by changing the saturation by 10% instead.

 68, 24.019,
198.816

 68, 24.019,
198.816

 100, 24.019,
198.816


 58, 24.019,
198.816


 88, 24.019,
198.816

 48, 24.019,
198.816


 98, 24.019,
198.816

 38, 24.019,
198.816

 28, 24.019,
198.816

 18, 24.019,
198.816

 8, 24.019, 198.816

 0, 24.019, 198.816

68, 24.019,
198.816

68, 24.019,
198.816

67, 28.241,
198.558

69, 19.111,
199.143

67, 31.699,
198.381

70, 13.613,
199.541

66, 34.346,
198.289

71, 7.630, 200.012

73, 1.264, 200.835

66, 36.174,
198.283

74, 5.391, 20.860

65, 37.230,
198.361

76, 12.251, 21.463

65, 37.687,
198.469

78, 19.247, 22.048

79, 26.319, 22.637

80, 29.463, 23.030

Harmonies

Complementary

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



68, 24.019, 198.816



53, 32.356, 24.439

Rectangle

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



68, 24.019, 198.816



68, 24.019, 248.816



68, 24.019, 18.816



68, 24.019, 68.816

Sweetspot

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



68, 24.019, 198.813



90, 10.238, 199.946



67, 49.785, 141.259



48, 7.177, 199.838



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 24.019, 198.813



85, 33.803, 198.582



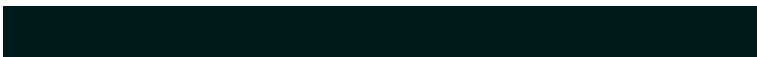
57, 23.958, 262.668



37, 3.641, 200.153



57, 33.594, 198.443



7, 8.950, 200.857

Inverse Universe

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



55, 49.228, 327.022



66, 71.359, 327.440



61, 26.979, 70.245



35, 6.690, 325.282



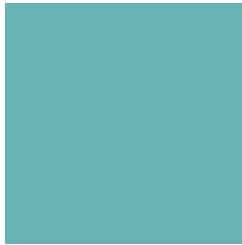
36, 78.121, 328.760



3, 16.037, 324.988

Previews

White Background



This preview shows how the CIELCh color 68, 24.019, 198.816 looks on a white background.

Color Contrast Check

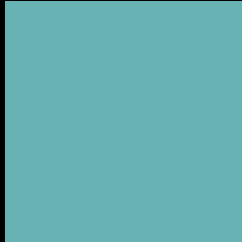
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 24.019, 198.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

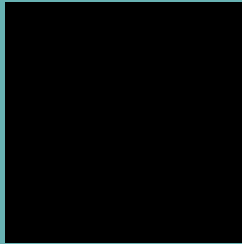
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

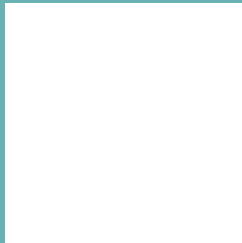
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 24.019, 198.816

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.019, 198.816.

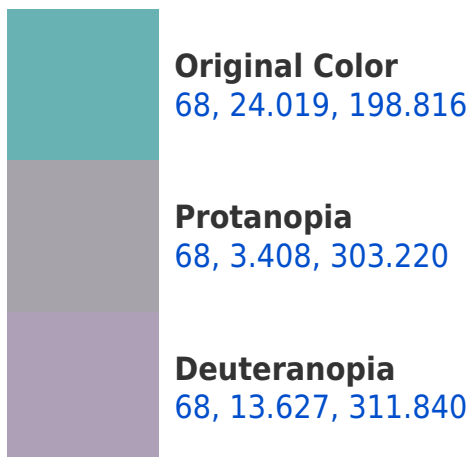


This preview shows how white text looks on a background with the CIELCh color 68, 24.019, 198.816.

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





Tritanopia
68, 22.851, 217.697

Trichromacy



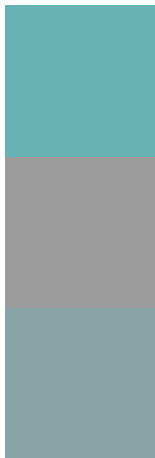
Original Color
68, 24.019, 198.816

Protanomaly
67, 9.535, 212.130

Deuteranomaly
67, 10.308, 252.791

Tritanomaly
68, 23.035, 210.209

Monochromacy



Original Color
68, 24.019, 198.816

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 9.823, 198.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 24.019, 198.816 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(104, 178, 179)` looks like.

```
.text, #text, p{  
    color:rgb(104, 178, 179)  
}
```

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(104, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 178, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.019, 198.816 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(104, 178, 179) }
```

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

```
.border{ border-color:rgb(104, 178, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 178, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(104, 178,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.019, 198.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 178, 179) }
```

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

```
.background{ background-color: rgb(104,  
178, 179) }
```

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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