

Converting Colors

CIECh(68, 26.604, 223.205)

Have a look what the booklet for
CIELCh(68, 26.604, 223.205)
contains.

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Color

CIELCh(68, 26.573, 223.745)

Conversions

Conversions Part 1

Format	Color
Hex	5FB1C6
RGB	95, 177, 198
RGB Percent	37%, 69%, 78%
CMY	0.6273, 0.3057, 0.2234
CMYK	0.52, 0.11, 0.00, 0.22
HSL	192°, 47%, 57%
HSV	192°, 52%, 78%
XYZ	30.6496, 37.9720, 59.1619
YIQ	154.8760, -55.6130, -10.8530

Conversions

Conversions Part 2

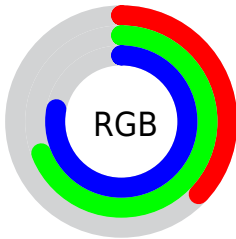
Format	Color
R _Y B	95, 141, 198
Decimal	6271430
CIE Lab	68.00, -19.20, -18.37
CIE LCh	68, 26.573, 223.745
Yxy	37.9720, 0.2399, 0.2972
Android (android.graphics.Color)	4284461510 (0xFF5FB1C6)
YUV	154.8760, 21.2601, -52.5113
Hunter-Lab	61.6215, -19.0544, -13.7885

Details

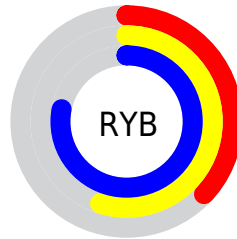
The CIELCh color **68, 26.573, 223.745** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **57, 39.386, 40.285**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 26.649, 223.740**, and **48, 26.541, 223.905** is the 20% darker color. If you saturate the color by 10%, you get **66, 29.920, 225.408**, and if you desaturate by 10%, it is **70, 22.542, 222.476**.

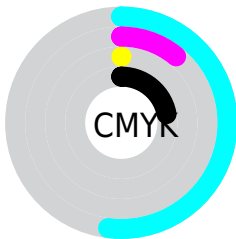
Distribution



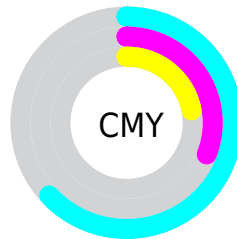
- Red (37%)
- Green (69%)
- Blue (78%)



- Red (37%)
- Yellow (55%)
- Blue (78%)



- Cyan (52%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)




- Cyan (63%)
- Magenta (31%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.573, 223.745 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, 26.573, 223.745 by changing the saturation by 10% instead.


 68, 26.573,
223.745

 68, 26.573,
223.745


 100, 26.573,
223.745


 58, 26.573,
223.745


 88, 26.573,
223.745

 48, 26.573,
223.745

 98, 26.573,
223.745

 38, 26.573,
223.745

 28, 26.573,
223.745

 18, 26.573,
223.745

 8, 26.573, 223.745

 0, 26.573, 223.745

68, 26.573,
223.745

68, 26.573,
223.745

66, 29.920,
225.408

70, 22.542,
222.476

64, 32.542,
227.553

72, 17.904,
221.531

63, 34.444,
230.262

74, 12.745,
220.848

61, 35.700,
233.598

77, 7.158, 220.388

79, 1.227, 220.416

60, 36.414,
236.624

82, 4.970, 39.657

85, 11.367, 39.601

87, 17.910, 39.574

89, 17.871, 46.681

Harmonies

Complementary

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



68, 26.573, 223.745



57, 39.386, 40.285

Rectangle

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



68, 26.573, 223.745



68, 26.573, 273.745



68, 26.573, 43.745



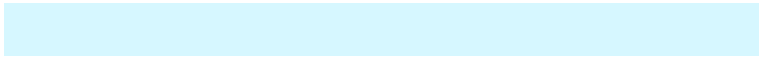
68, 26.573, 93.745

Sweetspot

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



68, 26.572, 223.743



95, 11.576, 220.556



72, 57.586, 145.823



50, 7.768, 220.654



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 26.572, 223.743



83, 36.523, 225.584



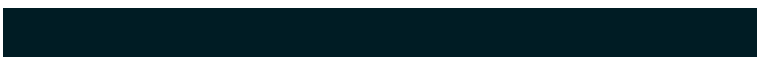
53, 42.059, 283.137



41, 3.415, 220.306



50, 31.496, 236.003



9, 11.156, 226.962

Inverse Universe

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



55, 57.227, 334.150



66, 80.895, 334.978



70, 41.237, 86.941



39, 6.407, 331.217



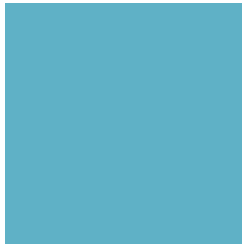
37, 70.763, 338.279



4, 22.370, 335.215

Previews

White Background



This preview shows how the CIE LCh color 68, 26.573, 223.745 looks on a white background.

Color Contrast Check

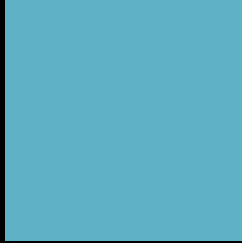
Large Text (above 18pt) WCAG AA × Fail

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, 26.573, 223.745 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, 26.573, 223.745

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.573, 223.745.

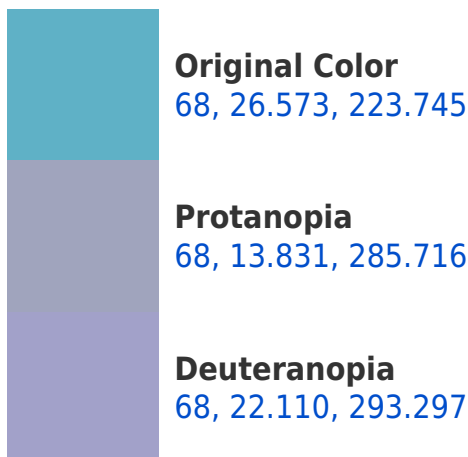


This preview shows how white text looks on a background with the CIELCh color 68, 26.573, 223.745.

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, 26.518, 214.574

Trichromacy



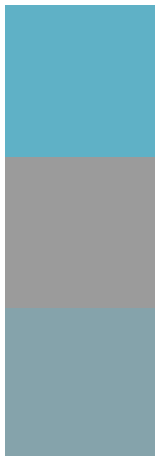
Original Color
68, 26.573, 223.745

Protanomaly
68, 16.533, 249.243

Deuteranomaly
67, 20.230, 263.782

Tritanomaly
68, 26.442, 217.211

Monochromacy



Original Color
68, 26.573, 223.745

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 11.387, 221.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.573, 223.745 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(95, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(95, 177, 198)  
}
```

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(95, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 177, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.573, 223.745 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(95, 177, 198) }
```

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

```
.border{ border-color:rgb(95, 177, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 177, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 177, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 177, 198);  
box-shadow:4px 4px 4px 4px rgb(95, 177,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.573, 223.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 177, 198) }
```

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

```
.background{ background-color: rgb(95, 177,  
198) }
```

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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