

Converting Colors

CIELCh(68, 26.388, 207.105)

Have a look what the booklet for
CIELCh(68, 26.388, 207.105)
contains.

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Color

CIELCh(68, 26.398, 207.097)

Conversions

Conversions Part 1

Format	Color
Hex	5EB3BB
RGB	94, 179, 187
RGB Percent	37%, 70%, 73%
CMY	0.6333, 0.2999, 0.2685
CMYK	0.50, 0.04, 0.00, 0.27
HSL	185°, 40%, 55%
HSV	185°, 50%, 73%
XYZ	29.5099, 37.9720, 52.5217
YIQ	154.4970, -53.2280, -15.5320

Conversions

Conversions Part 2

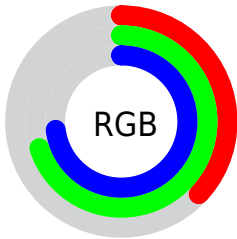
Format	Color
RYB	94, 138, 187
Decimal	6206395
CIELab	68.00, -23.50, -12.02
CIElCh	68, 26.398, 207.097
Yxy	37.9720, 0.2459, 0.3164
Android (android.graphics.Color)	4284396475 (0xFF5EB3BB)
YUV	154.4970, 16.0240, -53.0559
Hunter-Lab	61.6215, -22.3556, -7.3995

Details

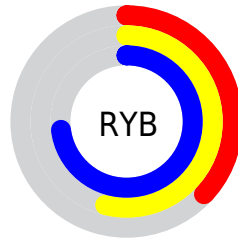
The CIELCh color **68, 26.398, 207.097** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **53, 38.605, 30.742**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 26.296, 206.979**, and **48, 26.451, 207.223** is the 20% darker color. If you saturate the color by 10%, you get **67, 29.839, 207.488**, and if you desaturate by 10%, it is **69, 22.213, 206.880**.

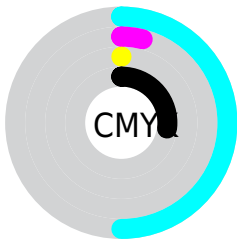
Distribution



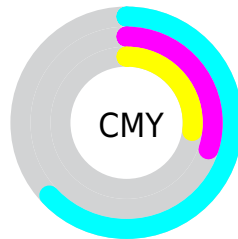
- Red (37%)
- Green (70%)
- Blue (73%)



- Red (37%)
- Yellow (54%)
- Blue (73%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)





- Cyan (63%)
- Magenta (30%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.398, 207.097 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, 26.398, 207.097 by changing the saturation by 10% instead.


 68, 26.398,
207.097


 68, 26.398,
207.097


 100, 26.398,
207.097


 58, 26.398,
207.097


 88, 26.398,
207.097

 48, 26.398,
207.097

 98, 26.398,
207.097

 38, 26.398,
207.097

 28, 26.398,
207.097

 18, 26.398,
207.097

 8, 26.398, 207.097

 0, 26.398, 207.097

68, 26.398,
207.097

68, 26.398,
207.097

67, 29.839,
207.488

69, 22.213,
206.880

66, 32.476,
208.091

71, 17.372,
206.816

65, 34.284,
208.934

72, 11.975,
206.881

64, 35.294,
210.048

74, 6.124, 207.071

64, 35.692,
211.405

76, 0.085, 20.963

64, 35.696,
211.423

78, 6.564, 27.418

80, 13.242, 27.791

82, 20.054, 28.170

83, 24.419, 29.124

Harmonies

Complementary

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



68, 26.398, 207.097



53, 38.605, 30.742

Rectangle

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



68, 26.398, 207.097



68, 26.398, 257.097



68, 26.398, 27.097



68, 26.398, 77.097

Sweetspot

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



68, 26.398, 207.095



92, 11.341, 206.951



68, 57.326, 142.604



49, 7.751, 206.915



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 26.398, 207.095



85, 36.712, 207.544



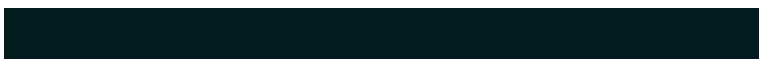
55, 32.656, 273.228



39, 3.556, 207.086



55, 31.618, 211.215



8, 10.410, 208.720

Inverse Universe

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



54, 56.882, 329.673



64, 81.955, 330.253



64, 34.962, 77.250



37, 6.665, 327.357



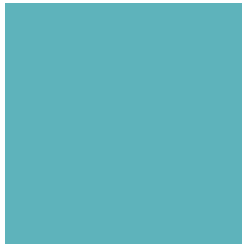
37, 75.636, 331.932



3, 19.746, 328.677

Previews

White Background



This preview shows how the CIELCh color 68, 26.398, 207.097 looks on a white background.

Color Contrast Check

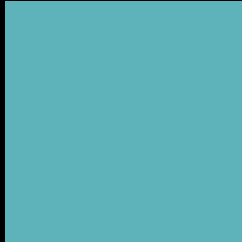
Large Text (above 18pt) WCAG AA × Fail

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, 26.398, 207.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

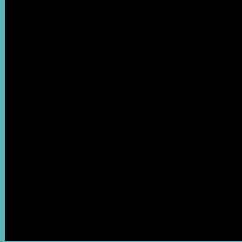
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

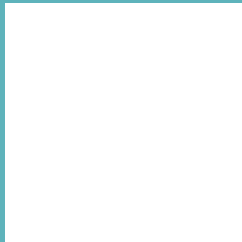
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 26.398, 207.097

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.398, 207.097.

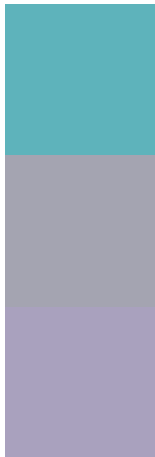


This preview shows how white text looks on a background with the CIELCh color 68, 26.398, 207.097.

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, 26.398, 207.097

Protanopia
68, 7.173, 290.919

Deuteranopia
68, 16.320, 301.867



Tritanopia
68, 26.086, 214.895

Trichromacy



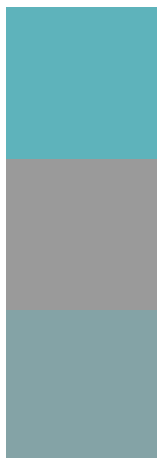
Original Color
68, 26.398, 207.097

Protanomaly
67, 12.236, 228.545

Deuteranomaly
67, 14.622, 255.486

Tritanomaly
68, 26.209, 212.233

Monochromacy



Original Color
68, 26.398, 207.097

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 11.189, 207.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.398, 207.097 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(94, 179, 187)` looks like.

```
.text, #text, p{  
    color:rgb(94, 179, 187)  
}
```

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(94, 179, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 179, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.398, 207.097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

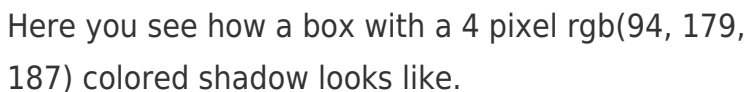
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 179, 187) }
```

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

```
.border{ border-color:rgb(94, 179, 187) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 179, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 179, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 179, 187);  
box-shadow:4px 4px 4px 4px rgb(94, 179,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.398, 207.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 179, 187) }
```

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

```
.background{ background-color: rgb(94, 179,  
187) }
```

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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