

Converting Colors

CIELCh(69, 26.566, 183.999)

Have a look what the booklet for
CIELCh(69, 26.566, 183.999)
contains.

CIELCh(69, 26.545, 184.028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 26.545, 184.028)

Conversions

Conversions Part 1

Format	Color
Hex	69B6AB
RGB	105, 182, 171
RGB Percent	41%, 71%, 67%
CMY	0.5886, 0.2867, 0.3298
CMYK	0.42, 0.00, 0.06, 0.29
HSL	171°, 34%, 56%
HSV	171°, 42%, 71%
XYZ	29.8594, 39.3444, 44.4954
YIQ	157.7230, -42.3610, -19.7450

Conversions

Conversions Part 2

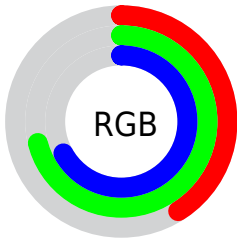
Format	Color
R_{YB}	105, 146, 182
Decimal	6928043
CIE _{Lab}	69.00, -26.48, -1.86
CIE _{LCh}	69, 26.545, 184.028
Y _{xy}	39.3444, 0.2626, 0.3460
Android (android.graphics.Color)	4285118123 (0xFF69B6AB)
YUV	157.7230, 6.5456, -46.2381
Hunter-Lab	62.7251, -24.7965, 1.8489

Details

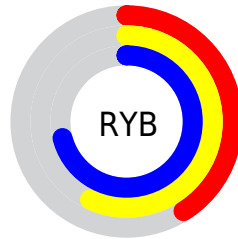
The CIELCh color **69, 26.545, 184.028** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **53, 32.867, 12.895**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 26.509, 183.940**, and **49, 26.610, 183.825** is the 20% darker color. If you saturate the color by 10%, you get **68, 31.515, 183.037**, and if you desaturate by 10%, it is **70, 20.958, 184.962**.

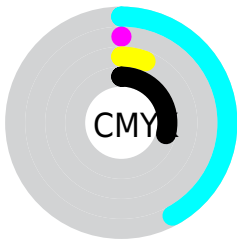
Distribution



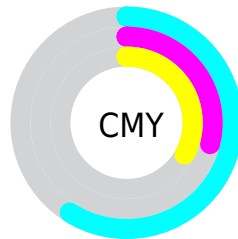
- Red (41%)
- Green (71%)
- Blue (67%)



- Red (41%)
- Yellow (57%)
- Blue (71%)



- Cyan (42%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (59%)
- Magenta (29%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 26.545, 184.028 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 69, 26.545, 184.028 by changing the saturation by 10% instead.

 69, 26.545,
184.028


 69, 26.545,
184.028

 100, 26.545,
184.028


 59, 26.545,
184.028


 89, 26.545,
184.028

 49, 26.545,
184.028

 99, 26.545,
184.028

 39, 26.545,
184.028

 29, 26.545,
184.028

 19, 26.545,
184.028

 9, 26.545, 184.028

 0, 26.545, 184.028

69, 26.545,
184.028

69, 26.545,
184.028

68, 31.515,
183.037

70, 20.958,
184.962

68, 35.772,
181.979

71, 14.864,
185.860

67, 39.246,
180.832

72, 8.378, 186.741

67, 41.916,
179.573

74, 1.606, 187.816

75, 5.356, 8.227

66, 43.813,
178.187

77, 12.427, 9.066

66, 44.906,
177.066

79, 19.542, 9.848

81, 26.649, 10.605

81, 28.536, 8.760

Harmonies

Complementary

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



69, 26.545, 184.028



53, 32.867, 12.895

Rectangle

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



69, 26.545, 184.028



69, 26.545, 234.028



69, 26.545, 4.028



69, 26.545, 54.028

Sweetspot

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



69, 26.545, 184.026



92, 10.940, 186.662



68, 48.660, 137.743



49, 7.685, 186.467



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 26.545, 184.026



87, 38.181, 183.085



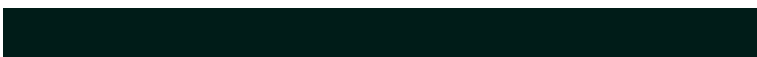
61, 21.486, 243.613



38, 3.898, 187.009



57, 39.924, 177.265



8, 11.178, 182.192

Inverse Universe

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



53, 32.867, 12.895



64, 49.866, 14.871



59, 27.188, 54.488



36, 4.068, 8.453



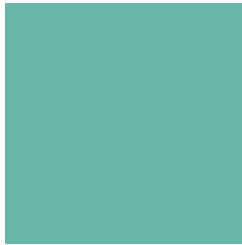
32, 66.228, 32.684



2, 10.781, 10.786

Previews

White Background



This preview shows how the CIELCh color 69, 26.545, 184.028 looks on a white background.

Color Contrast Check

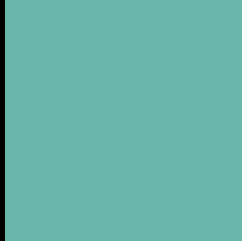
Large Text (above 18pt) WCAG AA × Fail

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 69, 26.545, 184.028 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 69, 26.545, 184.028

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.545, 184.028.

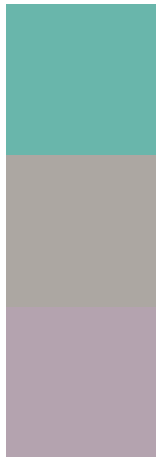


This preview shows how white text looks on a background with the CIELCh color 69, 26.545, 184.028.

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
69, 26.545, 184.028

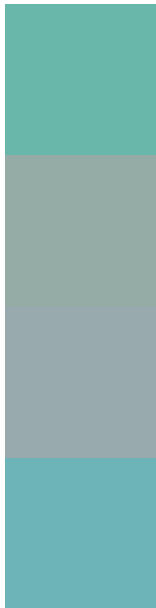
Protanopia
69, 3.329, 74.628

Deuteranopia
69, 9.225, 334.649



Tritanopia
69, 22.610, 217.883

Trichromacy



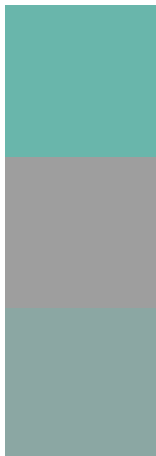
Original Color
69, 26.545, 184.028

Protanomaly
68, 9.740, 175.299

Deuteranomaly
68, 6.521, 218.758

Tritanomaly
69, 23.028, 204.536

Monochromacy



Original Color
69, 26.545, 184.028

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.539, 186.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.545, 184.028 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(105, 182, 171)` looks like.

```
.text, #text, p{  
    color:rgb(105, 182, 171)  
}
```

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(105, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 182, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.545, 184.028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

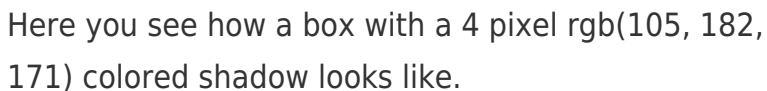
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 182, 171) }
```

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

```
.border{ border-color:rgb(105, 182, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 182, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(105, 182,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.545, 184.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 182, 171) }
```

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

```
.background{ background-color: rgb(105,  
182, 171) }
```

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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