

Converting Colors

CIELCh(69, 25.829, 176.027)

Have a look what the booklet for
CIELCh(69, 25.829, 176.027)
contains.

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Color

CIELCh(69, 25.829, 176.027)

Conversions

Conversions Part 1

Format	Color
Hex	70B5A4
RGB	112, 181, 164
RGB Percent	44%, 71%, 64%
CMY	0.5595, 0.2889, 0.3556
CMYK	0.38, 0.00, 0.09, 0.29
HSL	165°, 32%, 58%
HSV	165°, 38%, 71%
XYZ	30.0476, 39.3444, 41.2891
YIQ	158.4310, -35.6670, -19.9150

Conversions

Conversions Part 2

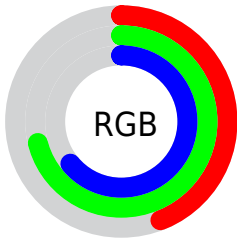
Format	Color
RYB	112, 151, 181
Decimal	7386532
CIELab	69.00, -25.77, 1.79
CIElCh	69, 25.829, 176.027
Yxy	39.3444, 0.2715, 0.3555
Android (android.graphics.Color)	4285576612 (0xFF70B5A4)
YUV	158.4310, 2.7455, -40.7200
Hunter-Lab	62.7251, -24.2610, 4.8797

Details

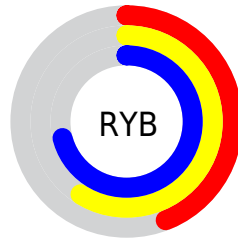
The CIELCh color **69, 25.829, 176.027** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 29.625, 4.325**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 25.846, 176.336**, and **49, 26.044, 175.451** is the 20% darker color. If you saturate the color by 10%, you get **68, 31.684, 174.841**, and if you desaturate by 10%, it is **70, 19.479, 177.117**.

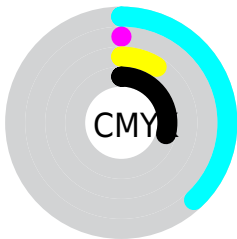
Distribution



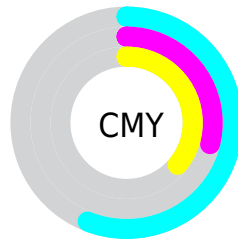
- Red (44%)
- Green (71%)
- Blue (64%)



- Red (44%)
- Yellow (59%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)





- Cyan (56%)
- Magenta (29%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 25.829, 176.027 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, 25.829, 176.027 by changing the saturation by 10% instead.


 69, 25.829,
176.027


 69, 25.829,
176.027


 100, 25.829,
176.027


 59, 25.829,
176.027


 89, 25.829,
176.027

 49, 25.829,
176.027

 99, 25.829,
176.027

 39, 25.829,
176.027

 29, 25.829,
176.027

 19, 25.829,
176.027

 9, 25.829, 176.027

 0, 25.829, 176.027

69, 25.829,
176.027

69, 25.829,
176.027

68, 31.684,
174.841

70, 19.479,
177.117

67, 36.929,
173.543

71, 12.749,
178.139

67, 41.470,
172.107

73, 5.754, 179.129

66, 45.251,
170.509

74, 1.405, 359.614

76, 8.642, 0.739

66, 48.267,
168.732

77, 15.889, 1.575

66, 50.627,
166.794

79, 23.093, 2.363

81, 29.346, 2.429

66, 51.064,
166.424

81, 29.989,
358.095

Harmonies

Complementary

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



69, 25.829, 176.027



55, 29.625, 4.325

Rectangle

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



69, 25.829, 176.027



69, 25.829, 226.027



69, 25.829, 356.027



69, 25.829, 46.027

Sweetspot

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



69, 25.830, 176.025



91, 9.657, 178.817



69, 42.443, 135.339



48, 6.474, 178.686



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 25.830, 176.025



86, 37.544, 175.000



64, 19.142, 228.537



38, 4.083, 178.999



57, 45.427, 166.687



8, 12.001, 172.596

Inverse Universe

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



55, 29.625, 4.325



66, 44.517, 5.903



59, 24.731, 44.287



36, 4.215, 0.587



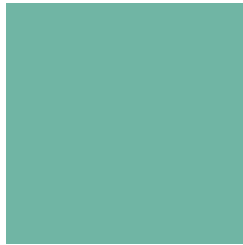
32, 62.035, 24.938



2, 11.034, 4.768

Previews

White Background



This preview shows how the CIELCh color 69, 25.829, 176.027 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, 25.829, 176.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

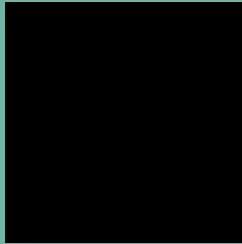
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 25.829, 176.027

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.829, 176.027.

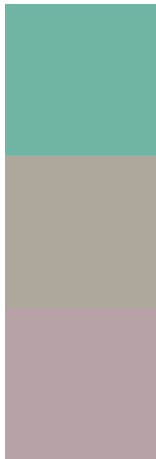


This preview shows how white text looks on a background with the CIELCh color 69, 25.829, 176.027.

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](#).

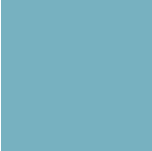
Dichromacy



Original Color
69, 25.829, 176.027

Protanopia
69, 6.448, 88.279

Deuteranopia
69, 8.706, 358.004



Tritanopia
69, 20.240, 222.278

Trichromacy



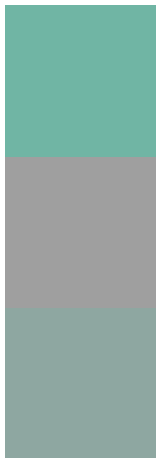
Original Color
69, 25.829, 176.027

Protanomaly
68, 10.734, 156.863

Deuteranomaly
68, 4.623, 185.326

Tritanomaly
69, 20.636, 202.402

Monochromacy



Original Color
69, 25.829, 176.027

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.890, 178.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.829, 176.027 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(112, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(112, 181, 164)  
}
```

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(112, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 181, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.829, 176.027 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(112, 181, 164) }
```

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

```
.border{ border-color:rgb(112, 181, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 181, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 181, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 181, 164);  
box-shadow:4px 4px 4px 4px rgb(112, 181,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.829, 176.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 181, 164) }
```

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

```
.background{ background-color: rgb(112,  
181, 164) }
```

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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