

Converting Colors

CIELCh(69, 26.827, 176.061)

Have a look what the booklet for
CIELCh(69, 26.827, 176.061)
contains.

CIELCh(69, 26.891, 175.586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(69, 26.891, 175.586)

Conversions

Conversions Part 1

Format	Color
Hex	6EB6A4
RGB	110, 182, 164
RGB Percent	43%, 71%, 64%
CMY	0.5694, 0.2871, 0.3577
CMYK	0.40, 0.00, 0.10, 0.29
HSL	165°, 33%, 57%
HSV	165°, 40%, 71%
XYZ	29.7721, 39.3444, 41.0499
YIQ	158.4200, -37.1340, -20.8620

Conversions

Conversions Part 2

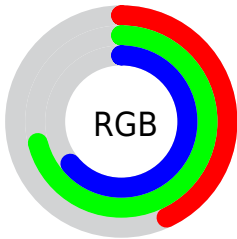
Format	Color
RYB	110, 151, 182
Decimal	7255716
CIELab	69.00, -26.81, 2.07
CIElCh	69, 26.891, 175.586
Yxy	39.3444, 0.2702, 0.3571
Android (android.graphics.Color)	4285445796 (0xFF6EB6A4)
YUV	158.4200, 2.7509, -42.4643
Hunter-Lab	62.7251, -25.0451, 5.1057

Details

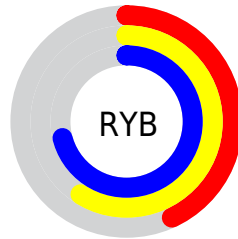
The CIELCh color **69, 26.891, 175.586** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 30.975, 4.329**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 26.633, 175.757**, and **49, 27.041, 174.873** is the 20% darker color. If you saturate the color by 10%, you get **68, 32.693, 174.379**, and if you desaturate by 10%, it is **70, 20.576, 176.693**.

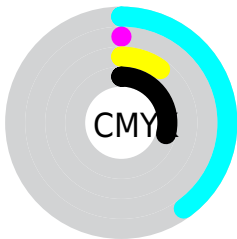
Distribution



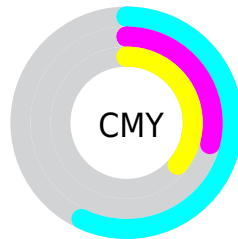
- Red (43%)
- Green (71%)
- Blue (64%)



- Red (43%)
- Yellow (59%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (57%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 26.891, 175.586 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, 26.891, 175.586 by changing the saturation by 10% instead.

 69, 26.891,
175.586

 69, 26.891,
175.586

 100, 26.891,
175.586


 59, 26.891,
175.586


 89, 26.891,
175.586

 49, 26.891,
175.586

 99, 26.891,
175.586

 39, 26.891,
175.586

 29, 26.891,
175.586

 19, 26.891,
175.586

 9, 26.891, 175.586

 0, 26.891, 175.586

69, 26.891,
175.586

69, 26.891,
175.586

68, 32.693,
174.379

70, 20.576,
176.693

67, 37.869,
173.054

71, 13.866,
177.727

67, 42.330,
171.586

73, 6.876, 178.718

66, 46.025,
169.953

74, 0.291, 357.971

76, 7.547, 0.349

66, 48.960,
168.136

77, 14.819, 1.197

66, 51.299,
166.183

79, 22.053, 1.990

81, 29.124, 2.681

66, 51.389,
166.107

81, 29.770,
358.237

Harmonies

Complementary

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



69, 26.891, 175.586



55, 30.975, 4.329

Rectangle

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



69, 26.891, 175.586



69, 26.891, 225.586



69, 26.891, 355.586



69, 26.891, 45.586

Sweetspot

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



69, 26.892, 175.584



92, 10.636, 178.460



69, 44.215, 135.245



49, 7.102, 178.333



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, 26.892, 175.584



87, 39.368, 174.477



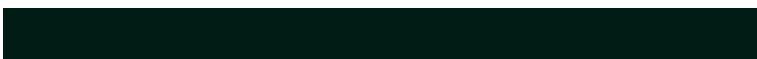
64, 19.840, 228.743



38, 4.090, 178.744



57, 45.627, 166.375



8, 12.032, 172.314

Inverse Universe

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



55, 30.975, 4.329



65, 46.935, 6.061



58, 25.951, 44.278



36, 4.221, 0.334



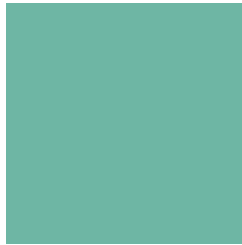
32, 61.913, 24.646



2, 11.044, 4.572

Previews

White Background



This preview shows how the CIELCh color 69, 26.891, 175.586 looks on a white background.

Color Contrast Check

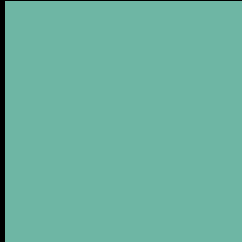
Large Text (above 18pt) WCAG AA × Fail

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, 26.891, 175.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

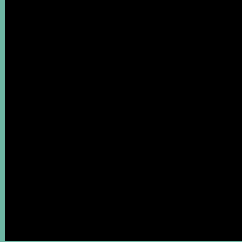
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 26.891, 175.586

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.891, 175.586.

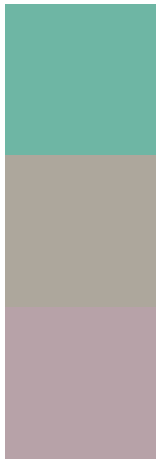


This preview shows how white text looks on a background with the CIELCh color 69, 26.891, 175.586.

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](#).

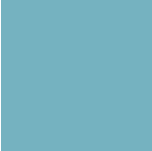
Dichromacy



Original Color
69, 26.891, 175.586

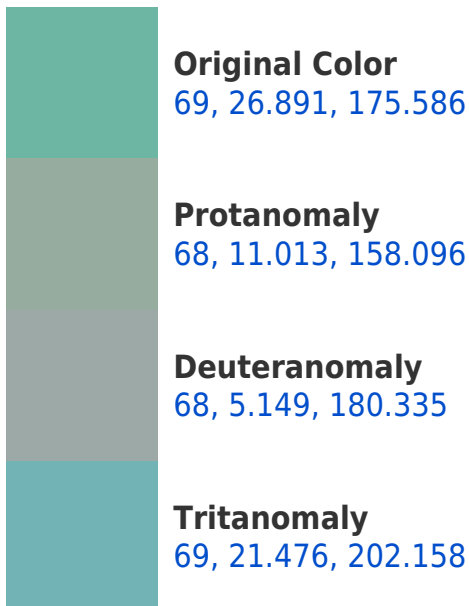
Protanopia
69, 6.448, 88.279

Deuteranopia
69, 8.706, 358.004



Tritanopia
69, 20.862, 219.778

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.891, 175.586 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(110, 182, 164)` looks like.

```
.text, #text, p{  
    color:rgb(110, 182, 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(110, 182, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 182, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.891, 175.586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

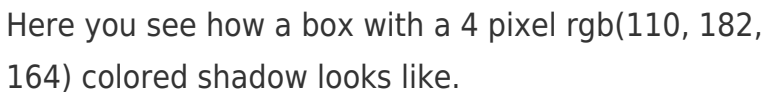
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 182, 164) }
```

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

```
.border{ border-color:rgb(110, 182, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 182, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 182, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 182, 164); box-shadow:4px 4px 4px 4px rgb(110, 182, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.891, 175.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 182, 164) }
```

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

```
.background{ background-color: rgb(110,  
182, 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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