

Converting Colors

CIELCh(70, 16.087, 176.062)

Have a look what the booklet for
CIELCh(70, 16.087, 176.062)
contains.

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Color

CIELCh(70, 16.086, 176.065)

Conversions

Conversions Part 1

Format	Color
Hex	8BB4A9
RGB	139, 180, 169
RGB Percent	55%, 71%, 66%
CMY	0.4567, 0.2960, 0.3391
CMYK	0.23, 0.00, 0.06, 0.30
HSL	164°, 21%, 62%
HSV	164°, 23%, 70%
XYZ	33.9154, 40.7494, 43.3856
YIQ	166.4870, -20.9050, -12.1130

Conversions

Conversions Part 2

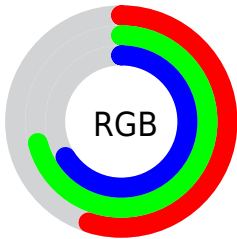
Format	Color
RYB	139, 163, 180
Decimal	9155753
CIELab	70.00, -16.05, 1.10
CIELCh	70, 16.086, 176.065
Yxy	40.7494, 0.2873, 0.3452
Android (android.graphics.Color)	4287345833 (0xFF8BB4A9)
YUV	166.4870, 1.2389, -24.1061
Hunter-Lab	63.8353, -16.8754, 4.3883

Details

The CIELCh color **70, 16.086, 176.065** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 17.315, 0.550**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 16.239, 175.725**, and **50, 15.985, 176.195** is the 20% darker color. If you saturate the color by 10%, you get **69, 22.718, 174.993**, and if you desaturate by 10%, it is **71, 9.157, 177.068**.

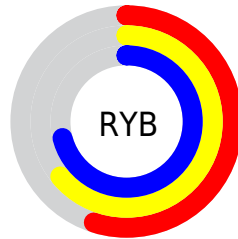
Distribution



Red (55%)

Green (71%)

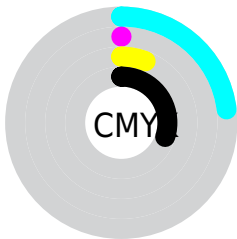
Blue (66%)



Red (55%)

Yellow (64%)

Blue (71%)

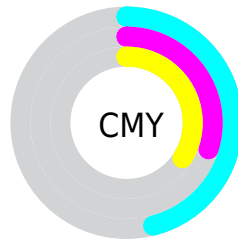


Cyan (23%)

Magenta (0%)

Yellow (6%)

Black (30%)



Cyan (46%)


Magenta (30%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 16.086, 176.065 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 70, 16.086, 176.065 by changing the saturation by 10% instead.


 70, 16.086,
176.065


 70, 16.086,
176.065


 100, 16.086,
176.065


 60, 16.086,
176.065


 90, 16.086,
176.065

 50, 16.086,
176.065

 40, 16.086,
176.065

 30, 16.086,
176.065

 20, 16.086,
176.065

 10, 16.086,
176.065

 0, 16.086, 176.065

70, 16.086,
176.065

70, 16.086,
176.065

69, 22.718,
174.993

71, 9.157, 177.068

68, 28.933,
173.837

73, 2.034, 178.164

67, 34.615,
172.572

74, 5.191, 358.728

66, 39.656,
171.173

76, 12.441,
359.607

66, 43.977,
169.617

78, 19.658, 0.411

65, 47.540,
167.882

80, 26.798, 1.174

65, 50.372,
165.958

81, 30.585,
359.189

65, 52.103,

81, 31.422,
354.804

81, 32.448,
350.688

164.523

Harmonies

Complementary

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



70, 16.086, 176.065



62, 17.315, 0.550

Rectangle

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



70, 16.086, 176.065



70, 16.086, 226.065



70, 16.086, 356.065



70, 16.086, 46.065

Sweetspot

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



70, 16.087, 176.062



92, 6.240, 177.641



70, 25.088, 135.210



49, 4.050, 177.581



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 16.087, 176.062



88, 23.465, 175.576



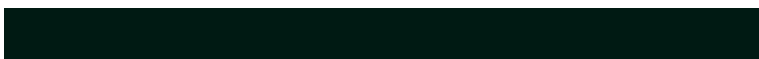
68, 12.116, 222.536



37, 4.036, 177.418



56, 46.111, 164.809



7, 10.430, 171.544

Inverse Universe

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



62, 17.315, 0.550



76, 25.664, 1.150



64, 14.057, 40.927



35, 4.157, 359.009



32, 60.529, 22.997



2, 9.598, 2.702

Previews

White Background



This preview shows how the CIELCh color 70, 16.086, 176.065 looks on a white background.

Color Contrast Check

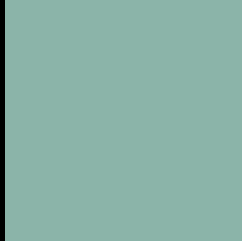
Large Text (above 18pt) WCAG AA × Fail

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 70, 16.086, 176.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

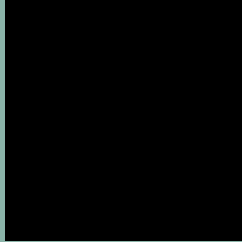
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

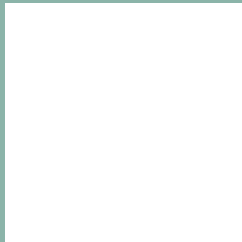
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 16.086, 176.065

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.086, 176.065.

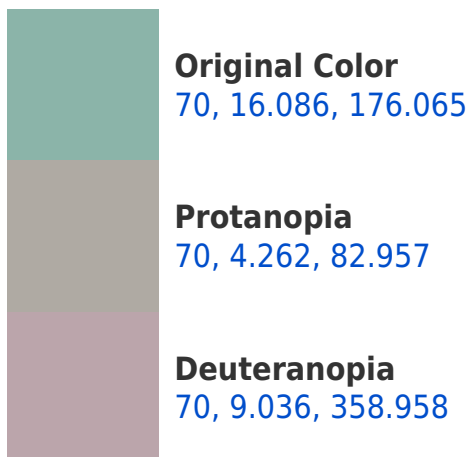


This preview shows how white text looks on a background with the CIELCh color 70, 16.086, 176.065.

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
70, 13.472, 233.549

Trichromacy



Original Color
70, 16.086, 176.065

Protanomaly
70, 6.066, 152.834

Deuteranomaly
70, 0.375, 200.678

Tritanomaly
70, 12.804, 210.871

Monochromacy



Original Color
70, 16.086, 176.065

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.034, 177.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.086, 176.065 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(139, 180, 169)` looks like.

```
.text, #text, p{  
    color:rgb(139, 180, 169)  
}
```

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(139, 180, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 180, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.086, 176.065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

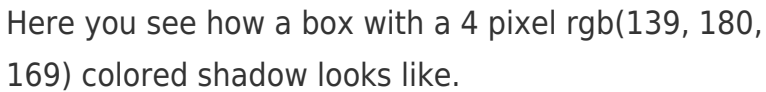
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 180, 169) }
```

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

```
.border{ border-color:rgb(139, 180, 169) }
```

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



Here you see how a box with a 4 pixel rgb(139, 180, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 180, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 180, 169);  
box-shadow:4px 4px 4px 4px rgb(139, 180,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.086, 176.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 180, 169) }
```

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

```
.background{ background-color: rgb(139,  
180, 169) }
```

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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