

Converting Colors

CIELCh(70, 25.654, 179.441)

Have a look what the booklet for
CIELCh(70, 25.654, 179.441)
contains.

CIELCh(70, 25.586, 179.829)	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(70, 25.586, 179.829)

Conversions

Conversions Part 1

Format	Color
Hex	71B8AA
RGB	113, 184, 170
RGB Percent	44%, 72%, 67%
CMY	0.5564, 0.2780, 0.3329
CMYK	0.39, 0.00, 0.08, 0.28
HSL	168°, 33%, 58%
HSV	168°, 39%, 72%
XYZ	31.2520, 40.7494, 44.3007
YIQ	161.1750, -37.8220, -19.4060

Conversions

Conversions Part 2

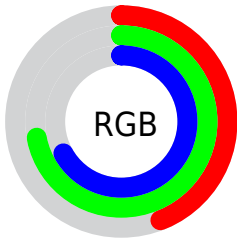
Format	Color
RYB	113, 152, 184
Decimal	7452842
CIELab	70.00, -25.59, 0.08
CIElCh	70, 25.586, 179.829
Yxy	40.7494, 0.2687, 0.3504
Android (android.graphics.Color)	4285642922 (0xFF71B8AA)
YUV	161.1750, 4.3507, -42.2495
Hunter-Lab	63.8353, -24.3231, 3.5384

Details

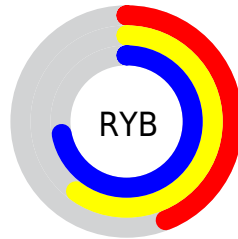
The CIELCh color **70, 25.586, 179.829** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 30.146, 8.102**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 25.403, 179.785**, and **50, 25.654, 179.441** is the 20% darker color. If you saturate the color by 10%, you get **69, 31.168, 178.722**, and if you desaturate by 10%, it is **71, 19.461, 180.858**.

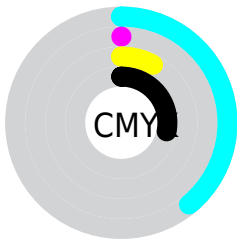
Distribution



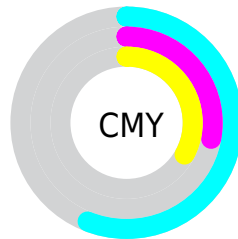
- Red (44%)
- Green (72%)
- Blue (67%)



- Red (44%)
- Yellow (60%)
- Blue (72%)



- Cyan (39%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)





- Cyan (56%)
- Magenta (28%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.586, 179.829 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, 25.586, 179.829 by changing the saturation by 10% instead.


 70, 25.586,
179.829


 70, 25.586,
179.829


 100, 25.586,
179.829


 60, 25.586,
179.829


 90, 25.586,
179.829

 50, 25.586,
179.829

 40, 25.586,
179.829

 30, 25.586,
179.829

 20, 25.586,
179.829

 10, 25.586,
179.829

 0, 25.586, 179.829

70, 25.586,
179.829

70, 25.586,
179.829

69, 31.168,
178.722

71, 19.461,
180.858

68, 36.095,
177.522

72, 12.909,
181.834

68, 40.281,
176.207

74, 6.045, 182.790

67, 43.676,
174.752

75, 1.028, 3.116

77, 8.219, 4.363

67, 46.285,
173.137

78, 15.457, 5.198

67, 48.237,
171.380

80, 22.683, 5.988

82, 27.857, 5.402

67, 48.503,
171.132

82, 28.271, 1.626

Harmonies

Complementary

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



70, 25.586, 179.829



56, 30.146, 8.102

Rectangle

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



70, 25.586, 179.829



70, 25.586, 229.829



70, 25.586, 359.829



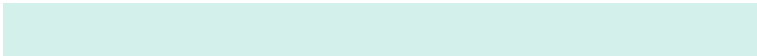
70, 25.586, 49.829

Sweetspot

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



70, 25.587, 179.827



93, 10.444, 182.439



70, 44.208, 136.696



49, 6.911, 182.317



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 25.587, 179.827



88, 36.819, 178.927



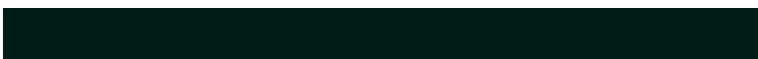
64, 19.641, 235.780



38, 3.986, 182.714



57, 42.686, 171.390



8, 11.581, 176.875

Inverse Universe

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



56, 30.146, 8.102



67, 45.061, 9.633



60, 24.949, 49.425



36, 4.135, 4.256



32, 63.920, 28.867



2, 10.899, 7.594

Previews

White Background



This preview shows how the CIELCh color 70, 25.586, 179.829 looks on a white background.

Color Contrast Check

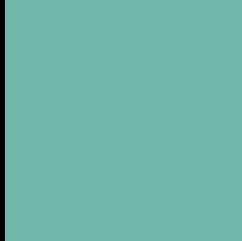
Large Text (above 18pt) WCAG AA × Fail

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, 25.586, 179.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

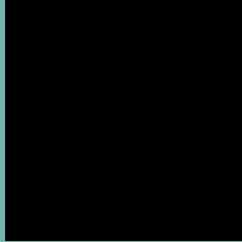
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

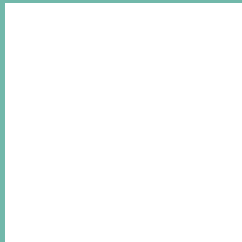
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 25.586, 179.829

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.586, 179.829.

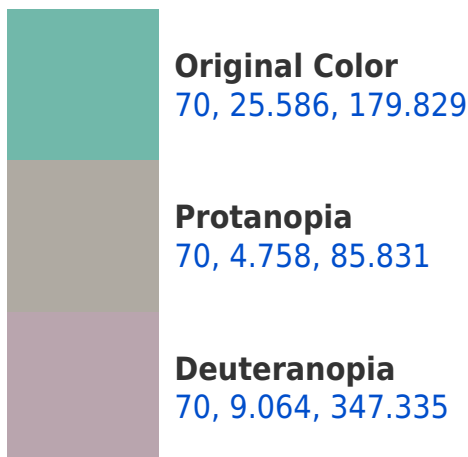


This preview shows how white text looks on a background with the CIELCh color 70, 25.586, 179.829.

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, 20.987, 221.249

Trichromacy



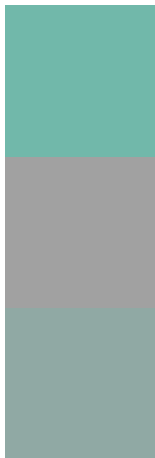
Original Color
70, 25.586, 179.829

Protanomaly
70, 10.235, 166.206

Deuteranomaly
69, 4.809, 205.668

Tritanomaly
70, 21.142, 205.293

Monochromacy



Original Color
70, 25.586, 179.829

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.668, 181.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.586, 179.829 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(113, 184, 170)` looks like.

```
.text, #text, p{  
    color:rgb(113, 184, 170)  
}
```

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(113, 184, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 184, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.586, 179.829 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(113, 184, 170) }
```

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

```
.border{ border-color:rgb(113, 184, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 184, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 184, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 184, 170); box-shadow:4px 4px 4px 4px rgb(113, 184, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.586, 179.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 184, 170) }
```

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

```
.background{ background-color: rgb(113,  
184, 170) }
```

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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