

Converting Colors

CIELCh(71, 25.880, 181.321)

Have a look what the booklet for
CIELCh(71, 25.880, 181.321)
contains.

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Color

CIELCh(71, 25.869, 181.344)

Conversions

Conversions Part 1

Format	Color
Hex	72BBAE
RGB	114, 187, 174
RGB Percent	45%, 73%, 68%
CMY	0.5528, 0.2666, 0.3175
CMYK	0.39, 0.00, 0.07, 0.27
HSL	169°, 35%, 59%
HSV	169°, 39%, 73%
XYZ	32.3609, 42.1875, 46.4947
YIQ	163.6910, -39.3350, -19.5190

Conversions

Conversions Part 2

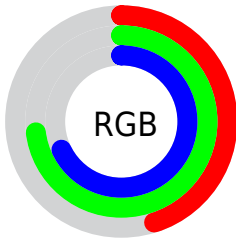
Format	Color
RYB	114, 154, 187
Decimal	7519150
CIELab	71.00, -25.86, -0.61
CIELCh	71, 25.869, 181.344
Yxy	42.1875, 0.2674, 0.3485
Android (android.graphics.Color)	4285709230 (0xFF72BBAE)
YUV	163.6910, 5.0823, -43.5790
Hunter-Lab	64.9519, -24.7321, 3.0246

Details

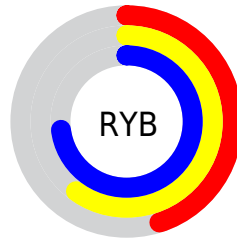
The CIELCh color **71, 25.869, 181.344** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 30.864, 9.637**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 25.721, 181.258**, and **51, 25.607, 182.210** is the 20% darker color. If you saturate the color by 10%, you get **70, 31.374, 180.275**, and if you desaturate by 10%, it is **72, 19.794, 182.343**.

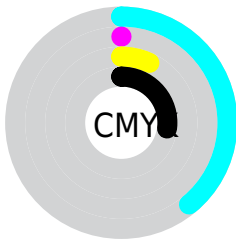
Distribution



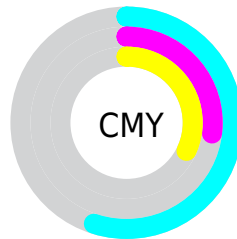
- Red (45%)
- Green (73%)
- Blue (68%)



- Red (45%)
- Yellow (60%)
- Blue (73%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)





- Cyan (55%)
- Magenta (27%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 25.869, 181.344 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 71, 25.869, 181.344 by changing the saturation by 10% instead.


 71, 25.869,
181.344


 71, 25.869,
181.344


 100, 25.869,
181.344


 61, 25.869,
181.344


 91, 25.869,
181.344

 51, 25.869,
181.344

 41, 25.869,
181.344

 31, 25.869,
181.344

 21, 25.869,
181.344

 11, 25.869,
181.344

 1, 25.869, 181.344

0, 25.869, 181.344

71, 25.869,
181.344

71, 25.869,
181.344

70, 31.374,
180.275

72, 19.794,
182.343

69, 36.197,
179.122

73, 13.265,
183.295

69, 40.256,
177.862

75, 6.399, 184.231

76, 0.698, 4.311

68, 43.503,
176.473

78, 7.934, 5.782

68, 45.952,
174.934

79, 15.233, 6.614

68, 47.746,
173.265

81, 22.535, 7.403

■ 68, 47.912,
173.105

■ 82, 26.571, 6.101

■ 82, 26.932, 2.463

Harmonies

Complementary

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



71, 25.869, 181.344



56, 30.864, 9.637

Rectangle

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



71, 25.869, 181.344



71, 25.869, 231.344



71, 25.869, 1.344



71, 25.869, 51.344

Sweetspot

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



71, 25.870, 181.342



93, 10.443, 183.932



70, 45.539, 137.109



50, 6.969, 183.810



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 25.870, 181.342



89, 37.289, 180.415



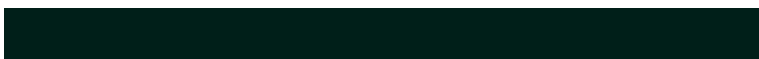
65, 20.183, 238.251



39, 4.043, 184.200



58, 42.193, 173.345



9, 12.929, 178.315

Inverse Universe

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



56, 30.864, 9.637



67, 46.460, 11.303



61, 25.509, 51.156



37, 4.203, 5.719



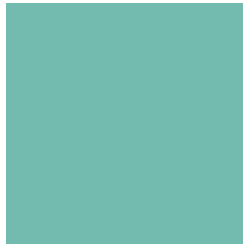
33, 65.539, 30.356



3, 12.476, 9.259

Previews

White Background



This preview shows how the CIELCh color 71, 25.869, 181.344 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 71, 25.869, 181.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

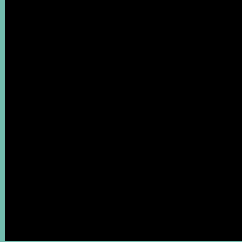
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

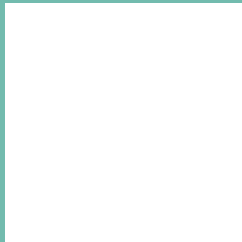
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 25.869, 181.344

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.869, 181.344.

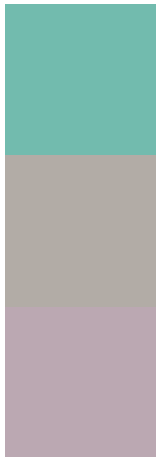


This preview shows how white text looks on a background with the CIELCh color 71, 25.869, 181.344.

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

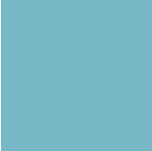
71, 25.869, 181.344

Protanopia

71, 3.978, 74.528

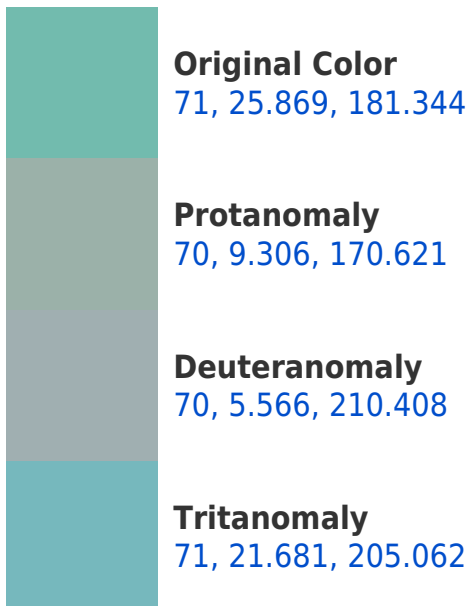
Deuteranopia

71, 9.030, 343.042

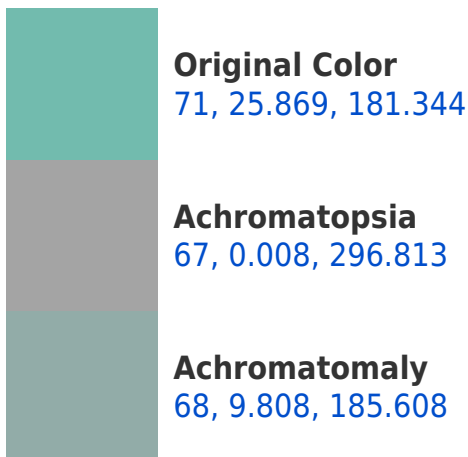


Tritanopia
71, 21.480, 220.591

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.869, 181.344 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(114, 187, 174)` looks like.

```
.text, #text, p{  
    color:rgb(114, 187, 174)  
}
```

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(114, 187, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 187, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.869, 181.344 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(114, 187, 174) }
```

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

```
.border{ border-color:rgb(114, 187, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 187, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 187, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 187, 174);  
box-shadow:4px 4px 4px 4px rgb(114, 187,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.869, 181.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 187, 174) }
```

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

```
.background{ background-color: rgb(114,  
187, 174) }
```

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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