

Converting Colors

CIELCh(71, 21.046, 181.700)

Have a look what the booklet for
CIELCh(71, 21.046, 181.700)
contains.

CIELCh(71, 21.203, 181.183)	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(71, 21.203, 181.183)

Conversions

Conversions Part 1

Format	Color
Hex	7FB9AE
RGB	127, 185, 174
RGB Percent	50%, 73%, 68%
CMY	0.5025, 0.2751, 0.3182
CMYK	0.31, 0.00, 0.06, 0.28
HSL	169°, 29%, 61%
HSV	169°, 31%, 72%
XYZ	33.6750, 42.1875, 46.3384
YIQ	166.4040, -31.0370, -15.7170

Conversions

Conversions Part 2

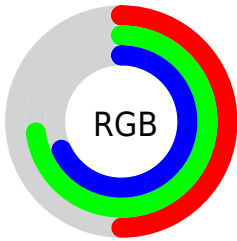
Format	Color
RYB	127, 159, 185
Decimal	8370606
CIELab	71.00, -21.20, -0.44
CIElCh	71, 21.203, 181.183
Yxy	42.1875, 0.2756, 0.3452
Android (android.graphics.Color)	4286560686 (0xFF7FB9AE)
YUV	166.4040, 3.7448, -34.5573
Hunter-Lab	64.9519, -21.1207, 3.1673

Details

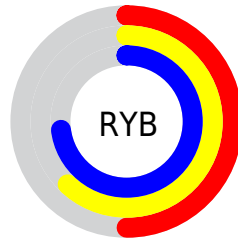
The CIELCh color **71, 21.203, 181.183** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 24.246, 7.534**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 21.297, 180.961**, and **51, 21.291, 181.261** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.165, 180.144**, and if you desaturate by 10%, it is **72, 14.776, 182.159**.

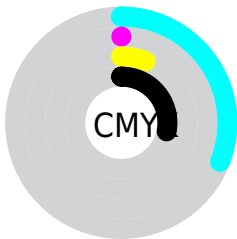
Distribution



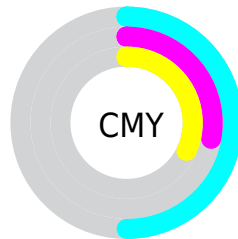
- Red (50%)
- Green (73%)
- Blue (68%)



- Red (50%)
- Yellow (62%)
- Blue (73%)



- Cyan (31%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)





- Cyan (50%)
- Magenta (28%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 21.203, 181.183 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, 21.203, 181.183 by changing the saturation by 10% instead.


 71, 21.203,
181.183


 71, 21.203,
181.183


 100, 21.203,
181.183


 61, 21.203,
181.183


 91, 21.203,
181.183

 51, 21.203,
181.183

 41, 21.203,
181.183

 31, 21.203,
181.183

 21, 21.203,
181.183

 11, 21.203,
181.183

 1, 21.203, 181.183

0, 21.203, 181.183

71, 21.203,
181.183

71, 21.203,
181.183

70, 27.165,
180.144

72, 14.776,
182.159

69, 32.542,
179.031

73, 7.997, 183.106

68, 37.230,
177.822

75, 0.975, 184.419

76, 6.196, 4.688

68, 41.153,
176.495

78, 13.437, 5.543

68, 44.274,
175.026

80, 20.686, 6.342

82, 27.426, 6.802

67, 46.619,
173.397

82, 27.780, 3.076

■ 67, 48.187,
171.905

■ 82, 28.256,
359.466

Harmonies

Complementary

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



71, 21.203, 181.183



59, 24.246, 7.534

Rectangle

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



71, 21.203, 181.183



71, 21.203, 231.183



71, 21.203, 1.183



71, 21.203, 51.183

Sweetspot

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



71, 21.204, 181.180



93, 7.838, 183.319



71, 36.196, 137.159



49, 5.433, 183.180



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 21.204, 181.180



89, 31.081, 180.436



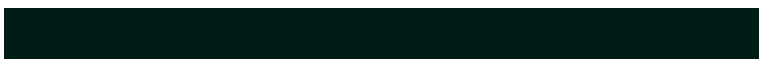
66, 16.401, 234.687



38, 3.972, 183.301



57, 42.284, 172.164



8, 11.520, 177.581

Inverse Universe

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



59, 24.246, 7.534



71, 36.776, 8.686



63, 19.804, 49.723



36, 4.124, 4.831



32, 64.231, 29.433



2, 10.880, 8.034

Previews

White Background



This preview shows how the CIELCh color 71, 21.203, 181.183 looks on a white background.

Color Contrast Check

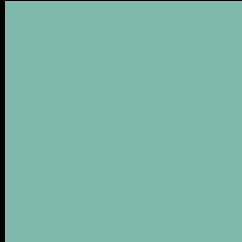
Large Text (above 18pt) WCAG AA × Fail

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, 21.203, 181.183 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

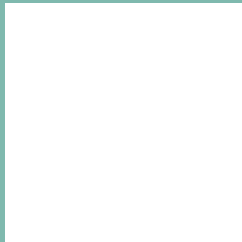
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 21.203, 181.183

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.203, 181.183.

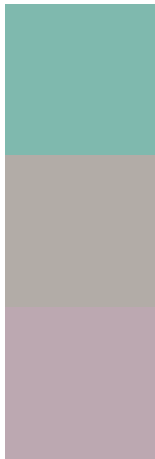


This preview shows how white text looks on a background with the CIELCh color 71, 21.203, 181.183.

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, 21.203, 181.183

Protanopia
71, 3.544, 69.538

Deuteranopia
71, 9.035, 347.319



Tritanopia
71, 17.971, 223.597

Trichromacy



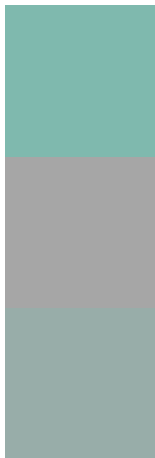
Original Color
71, 21.203, 181.183

Protanomaly
71, 8.052, 165.929

Deuteranomaly
71, 3.133, 219.779

Tritanomaly
71, 17.984, 206.843

Monochromacy



Original Color
71, 21.203, 181.183

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.081, 182.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.203, 181.183 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(127, 185, 174)` looks like.

```
.text, #text, p{  
    color:rgb(127, 185, 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(127, 185, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 185, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.203, 181.183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

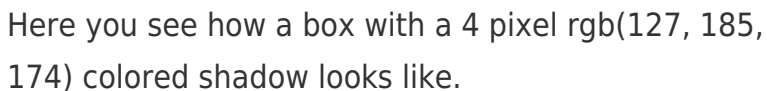
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 185, 174) }
```

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

```
.border{ border-color:rgb(127, 185, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 185, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 185, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 185, 174); box-shadow:4px 4px 4px 4px rgb(127, 185, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.203, 181.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 185, 174) }
```

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

```
.background{ background-color: rgb(127,  
185, 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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