

Converting Colors

CIELCh(71, 19.532, 201.752)

Have a look what the booklet for
CIELCh(71, 19.532, 201.752)
contains.

CIELCh(71, 19.493, 201.134)	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, 19.493, 201.134)

Conversions

Conversions Part 1

Format	Color
Hex	7EB8BA
RGB	126, 184, 186
RGB Percent	49%, 72%, 73%
CMY	0.5064, 0.2790, 0.2711
CMYK	0.32, 0.01, 0.00, 0.27
HSL	182°, 30%, 61%
HSV	182°, 32%, 73%
XYZ	34.5437, 42.1875, 52.6991
YIQ	166.8860, -35.2100, -11.6740

Conversions

Conversions Part 2

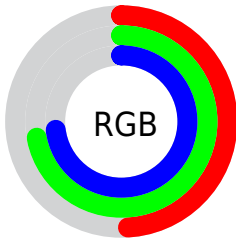
Format	Color
R_{YB}	126, 155, 186
Decimal	8304826
CIE _{Lab}	71.00, -18.18, -7.03
CIE _{LCh}	71, 19.493, 201.134
Yxy	42.1875, 0.2669, 0.3259
Android (android.graphics.Color)	4286494906 (0xFF7EB8BA)
YUV	166.8860, 9.4232, -35.8570
Hunter-Lab	64.9519, -18.7332, -2.6389

Details

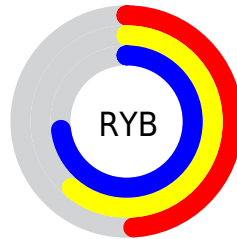
The CIELCh color **71, 19.493, 201.134** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 24.403, 24.610**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 19.359, 201.273**, and **51, 19.668, 200.887** is the 20% darker color. If you saturate the color by 10%, you get **70, 24.418, 200.911**, and if you desaturate by 10%, it is **72, 13.963, 201.435**.

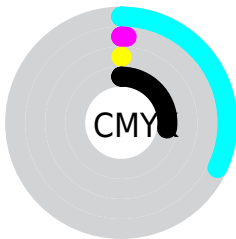
Distribution



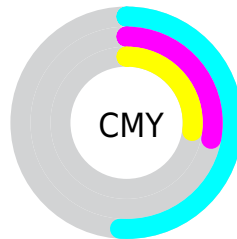
- Red (49%)
- Green (72%)
- Blue (73%)



- Red (49%)
- Yellow (61%)
- Blue (73%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)





- Cyan (51%)
- Magenta (28%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.493, 201.134 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, 19.493, 201.134 by changing the saturation by 10% instead.


 71, 19.493,
201.134


 71, 19.493,
201.134


 100, 19.493,
201.134


 61, 19.493,
201.134


 91, 19.493,
201.134

 51, 19.493,
201.134

 41, 19.493,
201.134

 31, 19.493,
201.134

 21, 19.493,
201.134

 11, 19.493,
201.134

 1, 19.493, 201.134

0, 19.493, 201.134

71, 19.493,
201.134

71, 19.493,
201.134

70, 24.418,
200.911

72, 13.963,
201.435

69, 28.638,
200.786

74, 7.933, 201.825

68, 32.073,
200.766

75, 1.509, 202.523

77, 5.215, 22.533

68, 34.671,
200.864

79, 12.154, 23.082

67, 36.426,
201.086

80, 19.238, 23.614

82, 26.022, 24.161

67, 37.386,
201.437

82, 25.810, 24.867

■ 67, 37.746,
201.776

■ 83, 25.603, 25.586

Harmonies

Complementary

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



71, 19.493, 201.134



59, 24.403, 24.610

Rectangle

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



71, 19.493, 201.134



71, 19.493, 251.134



71, 19.493, 21.134



71, 19.493, 71.134

Sweetspot

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



71, 19.493, 201.130



94, 8.058, 201.922



70, 39.397, 142.602



50, 5.521, 201.856



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, 19.493, 201.130



89, 28.286, 200.960



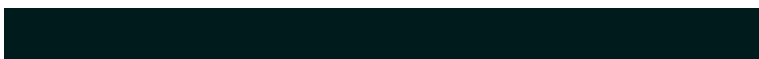
63, 19.506, 262.361



38, 3.652, 201.963



56, 33.112, 201.699



8, 9.975, 202.341

Inverse Universe

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



61, 38.944, 327.106



74, 57.974, 327.494



67, 21.126, 73.152



36, 6.755, 325.833



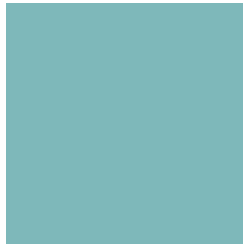
36, 77.859, 329.582



3, 18.200, 326.014

Previews

White Background



This preview shows how the CIELCh color 71, 19.493, 201.134 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, 19.493, 201.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

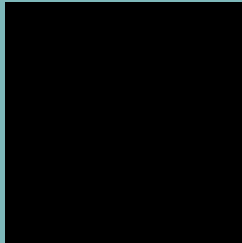
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.493, 201.134

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.493, 201.134.



This preview shows how white text looks on a background with the CIELCh color 71, 19.493, 201.134.

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
71, 18.929, 224.029

Trichromacy



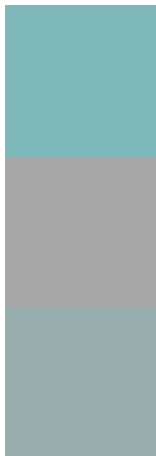
Original Color
71, 19.493, 201.134

Protanomaly
70, 7.632, 219.973

Deuteranomaly
71, 8.677, 261.392

Tritanomaly
71, 18.818, 215.065

Monochromacy



Original Color
71, 19.493, 201.134

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.644, 202.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.493, 201.134 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(126, 184, 186)` looks like.

```
.text, #text, p{  
    color:rgb(126, 184, 186)  
}
```

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(126, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 184, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.493, 201.134 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(126, 184, 186) }
```

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

```
.border{ border-color:rgb(126, 184, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 184, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(126, 184,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.493, 201.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 184, 186) }
```

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

```
.background{ background-color: rgb(126,  
184, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor