

Converting Colors

CIELCh(71, 14.119, 206.576)

Have a look what the booklet for
CIELCh(71, 14.119, 206.576)
contains.

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Color

CIELCh(71, 13.994, 207.381)

Conversions

Conversions Part 1

Format	Color
Hex	8DB5B9
RGB	141, 181, 185
RGB Percent	55%, 71%, 73%
CMY	0.4472, 0.2904, 0.2747
CMYK	0.24, 0.02, 0.00, 0.27
HSL	185°, 24%, 64%
HSV	185°, 24%, 73%
XYZ	36.2425, 42.1875, 52.1050
YIQ	169.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

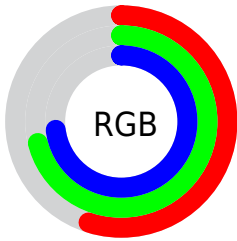
Format	Color
R _Y B	141, 162, 185
Decimal	9287097
CIE Lab	71.00, -12.43, -6.44
CIE LCh	71, 13.994, 207.381
Yxy	42.1875, 0.2776, 0.3232
Android (android.graphics.Color)	4287477177 (0xFF8DB5B9)
YUV	169.4960, 7.6435, -24.9910
Hunter-Lab	64.9519, -14.0648, -2.0966

Details

The CIELCh color **71, 13.994, 207.381** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 16.467, 28.617**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 14.177, 206.992**, and **51, 14.098, 207.621** is the 20% darker color. If you saturate the color by 10%, you get **69, 19.129, 207.387**, and if you desaturate by 10%, it is **73, 8.372, 207.490**.

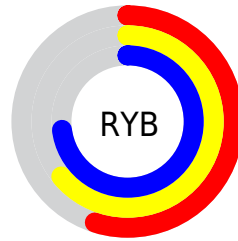
Distribution



Red (55%)

Green (71%)

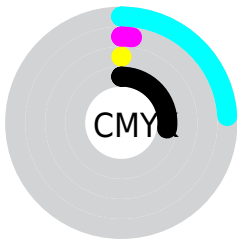
Blue (73%)



Red (55%)

Yellow (64%)

Blue (73%)

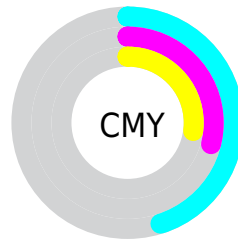


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (45%)


Magenta (29%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.994, 207.381 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, 13.994, 207.381 by changing the saturation by 10% instead.


 71, 13.994,
207.381


 71, 13.994,
207.381


 100, 13.994,
207.381


 61, 13.994,
207.381


 91, 13.994,
207.381

 51, 13.994,
207.381

 41, 13.994,
207.381

 31, 13.994,
207.381

 21, 13.994,
207.381

 11, 13.994,
207.381

 1, 13.994, 207.381

0, 13.994, 207.381

71, 13.994,
207.381

71, 13.994,
207.381

69, 19.129,
207.387

73, 8.372, 207.490

68, 23.675,
207.539

74, 2.361, 207.826

76, 3.952, 27.717

67, 27.537,
207.859

78, 10.487, 28.099

66, 30.637,
208.377

80, 17.179, 28.457

83, 23.974, 28.831

65, 32.926,
209.128

83, 24.702, 30.656

64, 34.401,
210.144

84, 24.244, 32.846

■ 63, 35.116,
211.454

■ 84, 23.825, 35.117

■ 63, 35.323,
212.372

Harmonies

Complementary

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



71, 13.994, 207.381



64, 16.467, 28.617

Rectangle

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



71, 13.994, 207.381



71, 13.994, 257.381



71, 13.994, 27.381



71, 13.994, 77.381

Sweetspot

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



71, 13.994, 207.375



93, 5.342, 207.656



71, 27.667, 145.173



49, 3.464, 207.636



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, 13.994, 207.375



89, 20.625, 207.366



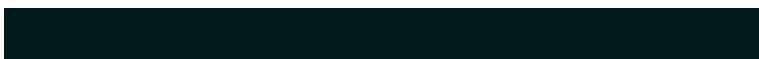
65, 15.418, 267.433



38, 3.461, 207.588



54, 31.113, 212.137



7, 9.222, 211.155

Inverse Universe

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



64, 27.559, 328.351



78, 41.431, 328.681



69, 15.917, 80.810



36, 6.493, 327.502



36, 74.463, 332.157



3, 17.156, 328.494

Previews

White Background



This preview shows how the CIELCh color 71, 13.994, 207.381 looks on a white background.

Color Contrast Check

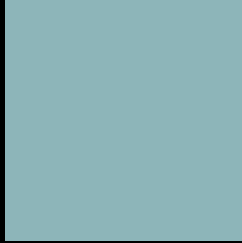
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 13.994, 207.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

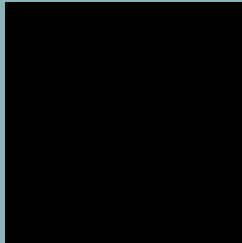
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.994, 207.381

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.994, 207.381.

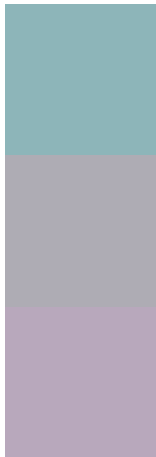


This preview shows how white text looks on a background with the CIELCh color 71, 13.994, 207.381.

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, 13.994, 207.381

Protanopia
71, 4.451, 300.178

Deuteranopia
71, 12.477, 319.261



Tritanopia
71, 14.500, 230.558

Trichromacy



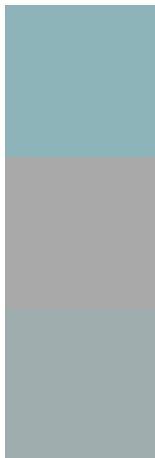
Original Color
71, 13.994, 207.381

Protanomaly
71, 5.998, 238.889

Deuteranomaly
71, 7.827, 277.628

Tritanomaly
71, 14.145, 223.770

Monochromacy



Original Color
71, 13.994, 207.381

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 5.226, 211.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.994, 207.381 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(141, 181, 185)` looks like.

```
.text, #text, p{  
    color:rgb(141, 181, 185)  
}
```

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(141, 181, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 181, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.994, 207.381 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(141, 181, 185) }
```

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

```
.border{ border-color:rgb(141, 181, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 181, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 181, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 181, 185);  
box-shadow:4px 4px 4px 4px rgb(141, 181,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.994, 207.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 181, 185) }
```

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

```
.background{ background-color: rgb(141,  
181, 185) }
```

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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