

Converting Colors

CIELCh(71, 15.574, 210.310)

Have a look what the booklet for
CIELCh(71, 15.574, 210.310)
contains.

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Color

CIELCh(71, 15.580, 208.393)

Conversions

Conversions Part 1

Format	Color
Hex	89B6BB
RGB	137, 182, 187
RGB Percent	54%, 71%, 73%
CMY	0.4640, 0.2875, 0.2679
CMYK	0.27, 0.03, 0.00, 0.27
HSL	186°, 27%, 63%
HSV	186°, 27%, 73%
XYZ	35.8601, 42.1875, 53.0830
YIQ	169.1150, -28.4250, -7.9850

Conversions

Conversions Part 2

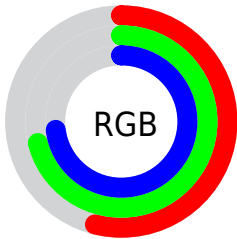
Format	Color
RYB	137, 161, 187
Decimal	9025211
CIELab	71.00, -13.71, -7.41
CIELCh	71, 15.580, 208.393
Yxy	42.1875, 0.2735, 0.3217
Android (android.graphics.Color)	4287215291 (0xFF89B6BB)
YUV	169.1150, 8.8173, -28.1649
Hunter-Lab	64.9519, -15.1156, -2.9893

Details

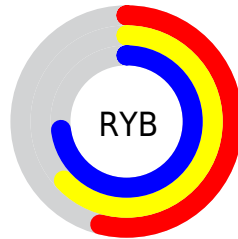
The CIELCh color **71, 15.580, 208.393** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 18.765, 29.611**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.445, 208.177**, and **51, 15.640, 208.722** is the 20% darker color. If you saturate the color by 10%, you get **69, 20.548, 208.495**, and if you desaturate by 10%, it is **73, 10.096, 208.418**.

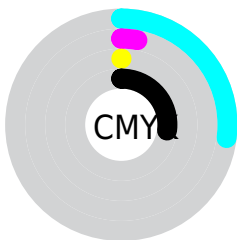
Distribution



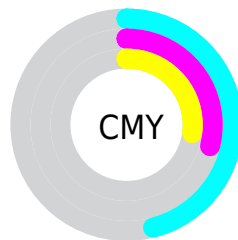
- Red (54%)
- Green (71%)
- Blue (73%)



- Red (54%)
- Yellow (63%)
- Blue (73%)



- Cyan (27%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





- Cyan (46%)
- Magenta (29%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 15.580, 208.393 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, 15.580, 208.393 by changing the saturation by 10% instead.


 71, 15.580,
208.393


 71, 15.580,
208.393


 100, 15.580,
208.393


 61, 15.580,
208.393


 91, 15.580,
208.393

 51, 15.580,
208.393

 41, 15.580,
208.393

 31, 15.580,
208.393

 21, 15.580,
208.393

 11, 15.580,
208.393

 1, 15.580, 208.393

0, 15.580, 208.393

71, 15.580,
208.393

71, 15.580,
208.393

69, 20.548,
208.495

73, 10.096,
208.418

68, 24.898,
208.760

74, 4.193, 208.603

67, 28.538,
209.216

76, 2.037, 28.409

78, 8.511, 28.858

66, 31.397,
209.898

81, 15.162, 29.183

65, 33.439,
210.844

83, 21.933, 29.525

84, 23.890, 31.264

64, 34.675,
212.092

84, 23.398, 33.801

■ 63, 35.199,
213.663

■ 85, 22.956, 36.444

■ 63, 35.306,
214.199

Harmonies

Complementary

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



71, 15.580, 208.393



63, 18.765, 29.611

Rectangle

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



71, 15.580, 208.393



71, 15.580, 258.393



71, 15.580, 28.393



71, 15.580, 78.393

Sweetspot

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



71, 15.580, 208.388



94, 6.094, 208.563



71, 31.378, 144.923



50, 4.349, 208.525



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, 15.580, 208.388



89, 22.499, 208.431



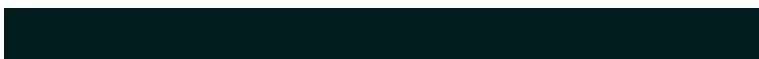
64, 17.495, 267.983



39, 3.513, 208.532



54, 31.254, 213.948



8, 10.237, 210.995

Inverse Universe

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



63, 31.054, 328.811



77, 45.760, 329.148



69, 18.143, 80.412



37, 6.600, 327.781



36, 74.821, 332.601



3, 19.472, 329.274

Previews

White Background



This preview shows how the CIELCh color 71, 15.580, 208.393 looks on a white background.

Color Contrast Check

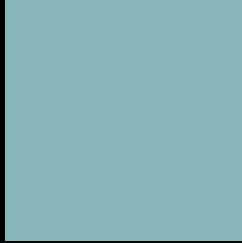
Large Text (above 18pt) WCAG AA × Fail

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, 15.580, 208.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

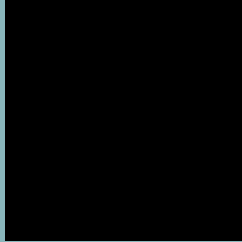
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 15.580, 208.393

Background



This preview shows how black text looks on a background with the CIELCh color 71, 15.580, 208.393.



This preview shows how white text looks on a background with the CIELCh color 71, 15.580, 208.393.

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](#).

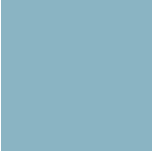
Dichromacy



Original Color
71, 15.580, 208.393

Protanopia
71, 4.990, 299.169

Deuteranopia
71, 12.795, 316.634



Tritanopia
71, 16.059, 229.333

Trichromacy



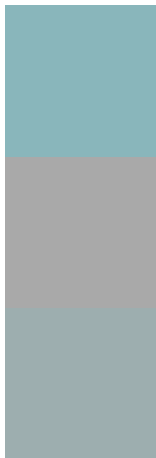
Original Color
71, 15.580, 208.393

Protanomaly
71, 6.838, 233.159

Deuteranomaly
71, 8.525, 273.871

Tritanomaly
71, 15.565, 221.210

Monochromacy



Original Color
71, 15.580, 208.393

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 6.226, 204.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 15.580, 208.393 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(137, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(137, 182, 187)  
}
```

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(137, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 182, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 15.580, 208.393 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(137, 182, 187) }
```

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

```
.border{ border-color:rgb(137, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(137, 182,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 15.580, 208.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 182, 187) }
```

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

```
.background{ background-color: rgb(137,  
182, 187) }
```

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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