

Converting Colors

CIELCh(71, 29.914, 189.773)

Have a look what the booklet for
CIELCh(71, 29.914, 189.773)
contains.

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Color

CIELCh(71, 29.979, 189.691)

Conversions

Conversions Part 1

Format	Color
Hex	5FBDB6
RGB	95, 189, 182
RGB Percent	37%, 74%, 71%
CMY	0.6276, 0.2589, 0.2864
CMYK	0.50, 0.00, 0.04, 0.26
HSL	176°, 42%, 56%
HSV	176°, 50%, 74%
XYZ	31.3458, 42.1875, 50.7290
YIQ	160.0960, -53.7770, -22.1050

Conversions

Conversions Part 2

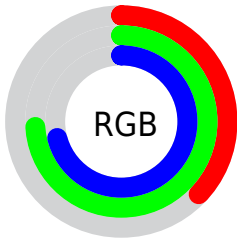
Format	Color
RYB	95, 144, 189
Decimal	6274486
CIELab	71.00, -29.55, -5.05
CIELCh	71, 29.979, 189.691
Yxy	42.1875, 0.2523, 0.3395
Android (android.graphics.Color)	4284464566 (0xFF5FBDB6)
YUV	160.0960, 10.7987, -57.0892
Hunter-Lab	64.9519, -27.5217, -0.8406

Details

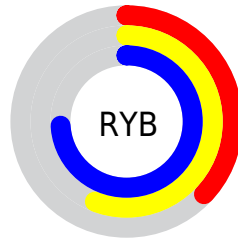
The CIELCh color **71, 29.979, 189.691** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **52, 40.746, 19.576**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 30.079, 189.499**, and **51, 29.901, 189.676** is the 20% darker color. If you saturate the color by 10%, you get **70, 34.161, 188.952**, and if you desaturate by 10%, it is **72, 25.041, 190.413**.

Distribution



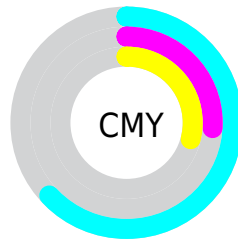
- Red (37%)
- Green (74%)
- Blue (71%)



- Red (37%)
- Yellow (56%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)





- Cyan (63%)
- Magenta (26%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 29.979, 189.691 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, 29.979, 189.691 by changing the saturation by 10% instead.


 71, 29.979,
189.691


 71, 29.979,
189.691


 100, 29.979,
189.691


 61, 29.979,
189.691


 91, 29.979,
189.691

 51, 29.979,
189.691

 41, 29.979,
189.691

 31, 29.979,
189.691

 21, 29.979,
189.691

 11, 29.979,
189.691

 1, 29.979, 189.691

0, 29.979, 189.691

71, 29.979,
189.691

71, 29.979,
189.691

70, 34.161,
188.952

72, 25.041,
190.413

70, 37.516,
188.192

73, 19.444,
191.134

69, 40.018,
187.392

74, 13.298,
191.860

69, 41.694,
186.539

75, 6.720, 192.613

69, 42.723,
185.632

77, 0.182, 10.396

69, 42.747,
185.609

78, 7.310, 13.897

80, 14.582, 14.646

■ 82, 21.929, 15.368

■ 83, 25.385, 14.823

Harmonies

Complementary

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



71, 29.979, 189.691



52, 40.746, 19.576

Rectangle

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



71, 29.979, 189.691



71, 29.979, 239.691



71, 29.979, 9.691



71, 29.979, 59.691

Sweetspot

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



71, 29.979, 189.689



94, 12.610, 192.193



70, 59.632, 138.700



50, 8.555, 192.036



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, 29.979, 189.689



89, 42.040, 188.861



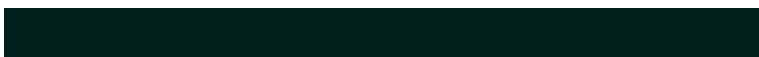
60, 26.883, 254.576



39, 3.907, 192.644



59, 37.423, 185.743



9, 12.079, 188.583

Inverse Universe

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



52, 40.746, 19.576



61, 61.772, 22.374



61, 33.644, 60.801



37, 4.109, 13.896



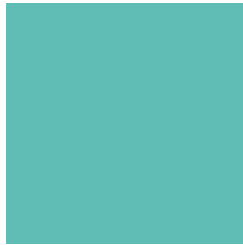
32, 69.970, 36.562



3, 12.298, 15.120

Previews

White Background



This preview shows how the CIELCh color 71, 29.979, 189.691 looks on a white background.

Color Contrast Check

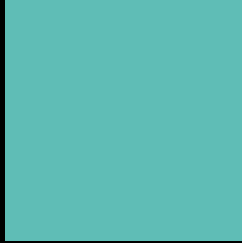
Large Text (above 18pt) WCAG AA × Fail

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, 29.979, 189.691 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

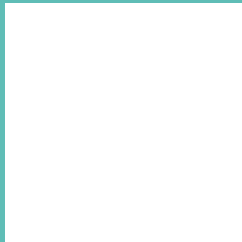
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 29.979, 189.691

Background



This preview shows how black text looks on a background with the CIELCh color 71, 29.979, 189.691.

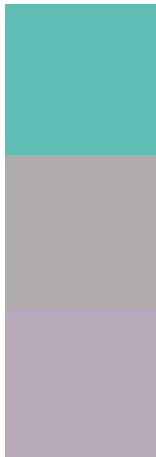


This preview shows how white text looks on a background with the CIELCh color 71, 29.979, 189.691.

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

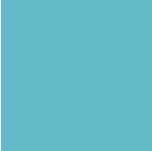
71, 29.979, 189.691

Protanopia

71, 1.510, 19.208

Deuteranopia

71, 11.349, 320.215



Tritanopia
71, 26.662, 215.636

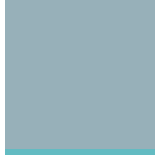
Trichromacy



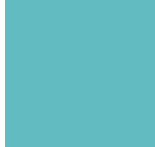
Original Color
71, 29.979, 189.691



Protanomaly
70, 11.212, 192.894



Deuteranomaly
70, 9.986, 228.485

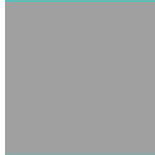


Tritanomaly
71, 27.176, 205.551

Monochromacy



Original Color
71, 29.979, 189.691



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 12.733, 190.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 29.979, 189.691 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(95, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(95, 189, 182)  
}
```

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(95, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 189, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 29.979, 189.691 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(95, 189, 182) }
```

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

```
.border{ border-color:rgb(95, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(95, 189,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 29.979, 189.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 189, 182) }
```

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

```
.background{ background-color: rgb(95, 189,  
182) }
```

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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