

Converting Colors

CIELCh(71, 34.728, 185.742)

Have a look what the booklet for
CIELCh(71, 34.728, 185.742)
contains.

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Color

CIELCh(71, 34.747, 185.768)

Conversions

Conversions Part 1

Format	Color
Hex	4FBFB3
RGB	79, 191, 179
RGB Percent	31%, 75%, 70%
CMY	0.6901, 0.2509, 0.2980
CMYK	0.59, 0.00, 0.06, 0.25
HSL	174°, 47%, 53%
HSV	174°, 59%, 75%
XYZ	29.9991, 42.1875, 49.2185
YIQ	156.1440, -62.9000, -27.4760

Conversions

Conversions Part 2

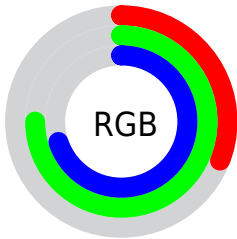
Format	Color
RYB	79, 138, 191
Decimal	5226419
CIELab	71.00, -34.57, -3.49
CIELCh	71, 34.747, 185.768
Yxy	42.1875, 0.2471, 0.3475
Android (android.graphics.Color)	4283416499 (0xFF4FBFB3)
YUV	156.1440, 11.2680, -67.6553
Hunter-Lab	64.9519, -31.2228, 0.5383

Details

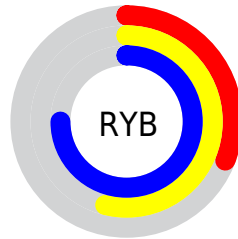
The CIELCh color **71, 34.747, 185.768** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **49, 48.759, 19.317**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 34.634, 185.897**, and **51, 33.875, 185.102** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.418, 184.821**, and if you desaturate by 10%, it is **72, 30.263, 186.658**.

Distribution



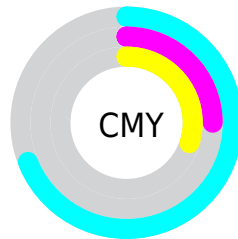
- Red (31%)
- Green (75%)
- Blue (70%)



- Red (31%)
- Yellow (54%)
- Blue (75%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (69%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 34.747, 185.768 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, 34.747, 185.768 by changing the saturation by 10% instead.


 71, 34.747,
185.768

 71, 34.747,
185.768


 100, 34.747,
185.768


 61, 34.747,
185.768


 91, 34.747,
185.768

 51, 34.747,
185.768

 41, 34.747,
185.768

 31, 34.747,
185.768

 21, 34.747,
185.768

 11, 34.747,
185.768

 1, 34.747, 185.768

0, 34.747, 185.768

71, 34.747,
185.768

71, 34.747,
185.768

70, 38.418,
184.821

72, 30.263,
186.658

70, 41.238,
183.804

73, 25.043,
187.511

70, 43.223,
182.695

74, 19.194,
188.338

70, 44.511,
181.496

75, 12.830,
189.152

70, 44.671,
181.332

76, 6.068, 189.983

78, 0.982, 10.146

79, 8.226, 11.371

■ 81, 15.582, 12.152

■ 83, 22.986, 12.903

Harmonies

Complementary

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



71, 34.747, 185.768



49, 48.759, 19.317

Rectangle

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



71, 34.747, 185.768



71, 34.747, 235.768



71, 34.747, 5.768



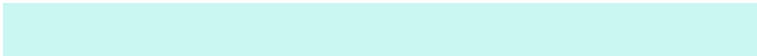
71, 34.747, 55.768

Sweetspot

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



71, 34.747, 185.766



94, 15.304, 189.180



70, 69.053, 137.213



50, 10.644, 188.941



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 34.747, 185.766



89, 47.597, 184.576



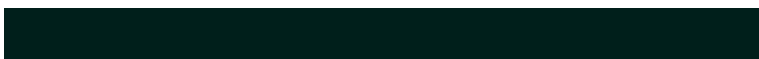
59, 30.250, 252.584



39, 3.941, 189.920



58, 38.768, 181.522



9, 12.315, 185.199

Inverse Universe

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



49, 48.759, 19.317



58, 72.164, 23.262



58, 41.203, 56.721



37, 4.129, 11.278



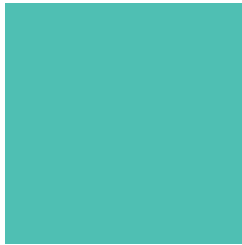
33, 68.627, 34.897



3, 12.340, 13.253

Previews

White Background



This preview shows how the CIELCh color 71, 34.747, 185.768 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, 34.747, 185.768 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

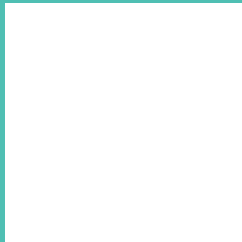
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 34.747, 185.768

Background



This preview shows how black text looks on a background with the CIELCh color 71, 34.747, 185.768.

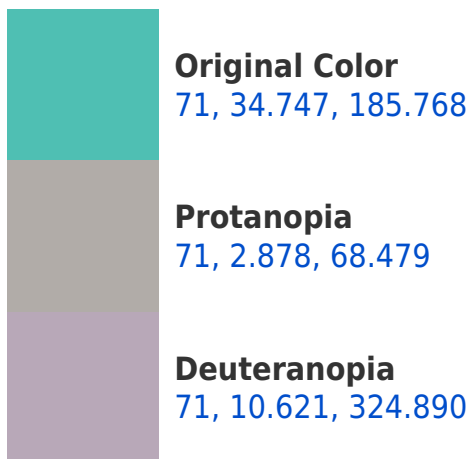


This preview shows how white text looks on a background with the CIELCh color 71, 34.747, 185.768.

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, 29.761, 213.473

Trichromacy



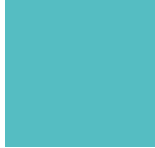
Original Color
71, 34.747, 185.768



Protanomaly
70, 14.261, 182.609



Deuteranomaly
70, 10.993, 216.106



Tritanomaly
71, 30.713, 202.263

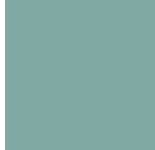
Monochromacy



Original Color
71, 34.747, 185.768



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 15.005, 187.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 34.747, 185.768 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(79, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(79, 191, 179)  
}
```

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(79, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 191, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 34.747, 185.768 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(79, 191, 179) }
```

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

```
.border{ border-color:rgb(79, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(79, 191,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 34.747, 185.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 191, 179) }
```

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

```
.background{ background-color: rgb(79, 191,  
179) }
```

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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