

Converting Colors

CIELCh(71, 34.363, 184.615)

Have a look what the booklet for
CIELCh(71, 34.363, 184.615)
contains.

CIELCh(71, 34.376, 184.743)	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, 34.376, 184.743)

Conversions

Conversions Part 1

Format	Color
Hex	52BFB2
RGB	82, 191, 178
RGB Percent	32%, 75%, 70%
CMY	0.6791, 0.2516, 0.3026
CMYK	0.57, 0.00, 0.07, 0.25
HSL	173°, 46%, 53%
HSV	173°, 57%, 75%
XYZ	30.0818, 42.1875, 48.5962
YIQ	156.9270, -60.7910, -27.1510

Conversions

Conversions Part 2

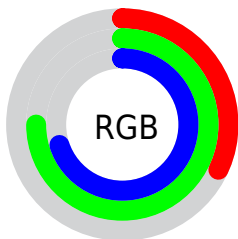
Format	Color
RYB	82, 140, 191
Decimal	5423026
CIELab	71.00, -34.26, -2.84
CIELCh	71, 34.376, 184.743
Yxy	42.1875, 0.2489, 0.3490
Android (android.graphics.Color)	4283613106 (0xFF52BFB2)
YUV	156.9270, 10.3890, -65.7110
Hunter-Lab	64.9519, -30.9953, 1.1063

Details

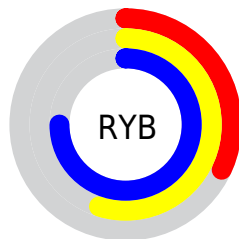
The CIELCh color **71, 34.376, 184.743** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **49, 47.268, 18.004**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 34.341, 184.931**, and **51, 34.134, 184.156** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.247, 183.745**, and if you desaturate by 10%, it is **72, 29.708, 185.676**.

Distribution



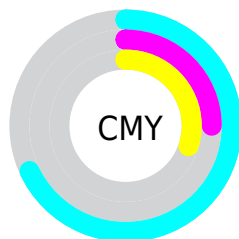
- Red (32%)
- Green (75%)
- Blue (70%)



- Red (32%)
- Yellow (55%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)





- Cyan (68%)
- Magenta (25%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 34.376, 184.743 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, 34.376, 184.743 by changing the saturation by 10% instead.


 71, 34.376,
184.743


 71, 34.376,
184.743


 100, 34.376,
184.743


 61, 34.376,
184.743


 91, 34.376,
184.743

 51, 34.376,
184.743

 41, 34.376,
184.743

 31, 34.376,
184.743

 21, 34.376,
184.743

 11, 34.376,
184.743

 1, 34.376, 184.743

0, 34.376, 184.743

71, 34.376,
184.743

71, 34.376,
184.743

70, 38.247,
183.745

72, 29.708,
185.676

70, 41.274,
182.668

73, 24.329,
186.566

70, 43.464,
181.491

74, 18.345,
187.424

70, 44.909,
180.204

75, 11.875,
188.265

69, 45.269,
179.831

76, 5.034, 189.129

78, 2.069, 9.569

79, 9.344, 10.537

■ 81, 16.711, 11.322

■ 83, 24.109, 12.079

Harmonies

Complementary

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



71, 34.376, 184.743



49, 47.268, 18.004

Rectangle

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



71, 34.376, 184.743



71, 34.376, 234.743



71, 34.376, 4.743



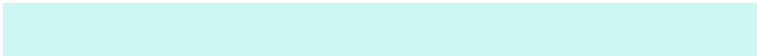
71, 34.376, 54.743

Sweetspot

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



71, 34.376, 184.741



94, 14.551, 188.252



70, 67.142, 136.978



50, 9.767, 188.082



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, 34.376, 184.741



89, 47.678, 183.434



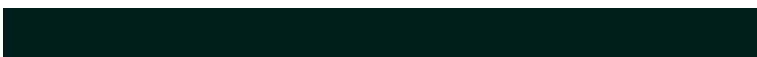
60, 29.132, 249.733



39, 3.955, 188.927



58, 39.305, 180.036



9, 12.410, 183.983

Inverse Universe

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



49, 47.268, 18.004



58, 70.823, 22.002



58, 40.045, 55.218



37, 4.139, 10.319



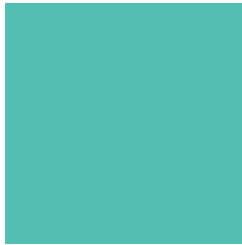
33, 68.108, 34.209



3, 12.359, 12.568

Previews

White Background



This preview shows how the CIELCh color 71, 34.376, 184.743 looks on a white background.

Color Contrast Check

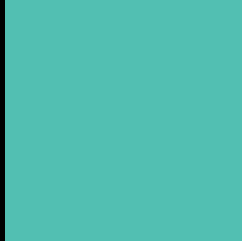
Large Text (above 18pt) WCAG AA × Fail

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, 34.376, 184.743 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

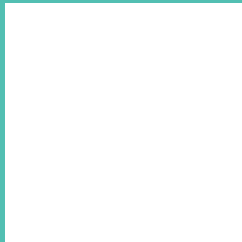
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 34.376, 184.743

Background



This preview shows how black text looks on a background with the CIELCh color 71, 34.376, 184.743.

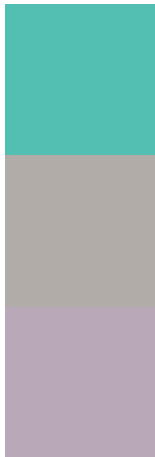


This preview shows how white text looks on a background with the CIELCh color 71, 34.376, 184.743.

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, 34.376, 184.743

Protanopia

71, 3.310, 74.643

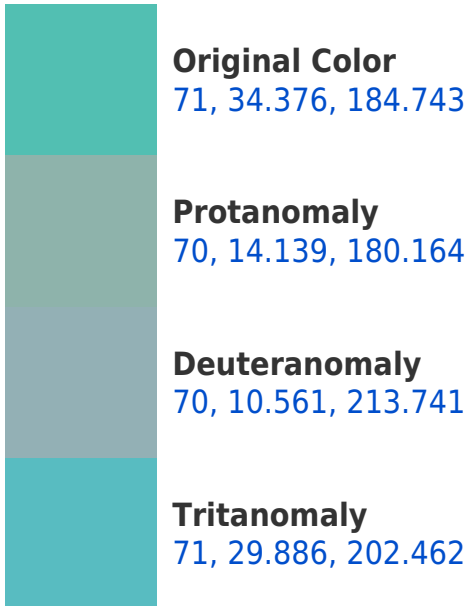
Deuteranopia

71, 10.401, 328.319

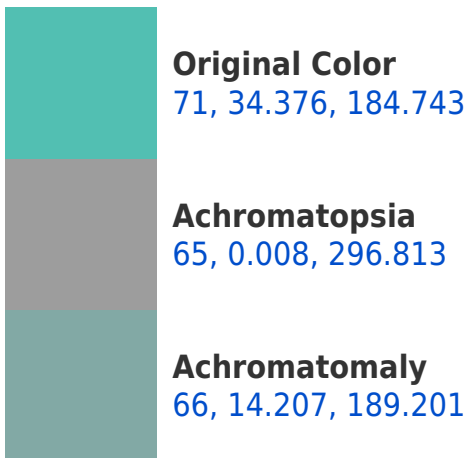


Tritanopia
71, 28.964, 213.992

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 34.376, 184.743 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(82, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(82, 191, 178)  
}
```

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(82, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 191, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 34.376, 184.743 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(82, 191, 178) }
```

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

```
.border{ border-color:rgb(82, 191, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 191, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 191, 178);  
box-shadow:4px 4px 4px 4px rgb(82, 191,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 34.376, 184.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 191, 178) }
```

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

```
.background{ background-color: rgb(82, 191,  
178) }
```

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