

Converting Colors

CIELCh(71, 33.050, 184.280)

Have a look what the booklet for
CIELCh(71, 33.050, 184.280)
contains.

CIELCh(71, 32.921, 184.301)	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, 32.921, 184.301)

Conversions

Conversions Part 1

Format	Color
Hex	58BEB1
RGB	88, 190, 177
RGB Percent	35%, 75%, 69%
CMY	0.6540, 0.2541, 0.3051
CMYK	0.54, 0.00, 0.07, 0.25
HSL	172°, 44%, 55%
HSV	172°, 54%, 75%
XYZ	30.4622, 42.1875, 48.2408
YIQ	158.0200, -56.6190, -25.6670

Conversions

Conversions Part 2

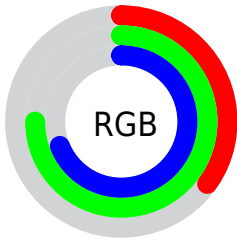
Format	Color
RYB	88, 142, 190
Decimal	5815985
CIELab	71.00, -32.83, -2.47
CIELCh	71, 32.921, 184.301
Yxy	42.1875, 0.2520, 0.3490
Android (android.graphics.Color)	4284006065 (0xFF58BEB1)
YUV	158.0200, 9.3571, -61.4075
Hunter-Lab	64.9519, -29.9501, 1.4307

Details

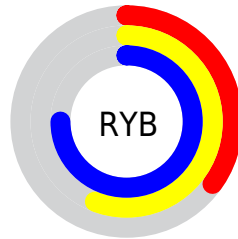
The CIELCh color **71, 32.921, 184.301** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51, 44.010, 16.487**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 32.875, 184.460**, and **51, 32.812, 184.814** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.121, 183.290**, and if you desaturate by 10%, it is **72, 27.958, 185.247**.

Distribution



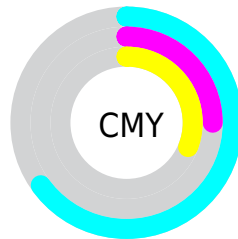
- Red (35%)
- Green (75%)
- Blue (69%)



- Red (35%)
- Yellow (56%)
- Blue (75%)



- Cyan (54%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)





- Cyan (65%)
- Magenta (25%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 32.921, 184.301 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, 32.921, 184.301 by changing the saturation by 10% instead.


 71, 32.921,
184.301


 71, 32.921,
184.301


 100, 32.921,
184.301


 61, 32.921,
184.301


 91, 32.921,
184.301

 51, 32.921,
184.301

 41, 32.921,
184.301

 31, 32.921,
184.301

 21, 32.921,
184.301

 11, 32.921,
184.301

 1, 32.921, 184.301

0, 32.921, 184.301

71, 32.921,
184.301

71, 32.921,
184.301

70, 37.121,
183.290

72, 27.958,
185.247

70, 40.494,
182.200

73, 22.326,
186.149

70, 43.026,
181.008

74, 16.139,
187.019

69, 44.763,
179.699

75, 9.515, 187.875

69, 45.602,
178.825

77, 2.568, 188.833

78, 4.602, 9.318

80, 11.906, 10.164

■ 82, 19.274, 10.943

■ 83, 24.959, 10.851

Harmonies

Complementary

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



71, 32.921, 184.301



51, 44.010, 16.487

Rectangle

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



71, 32.921, 184.301



71, 32.921, 234.301



71, 32.921, 4.301



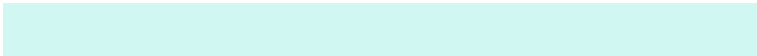
71, 32.921, 54.301

Sweetspot

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



71, 32.921, 184.299



95, 13.767, 187.649



70, 63.281, 137.257



50, 9.329, 187.470



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, 32.921, 184.299



89, 45.863, 183.141



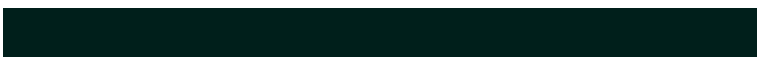
60, 27.573, 248.736



39, 3.966, 188.248



58, 39.686, 179.037



9, 12.478, 183.157

Inverse Universe

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



51, 44.010, 16.487



60, 65.539, 19.669



59, 37.056, 55.448



37, 4.147, 9.662



33, 67.746, 33.714



3, 12.373, 12.098

Previews

White Background



This preview shows how the CIELCh color 71, 32.921, 184.301 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, 32.921, 184.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

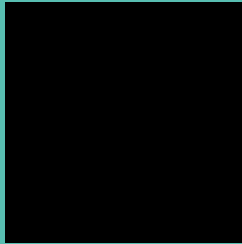
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

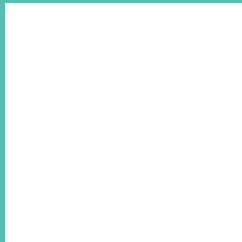
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 32.921, 184.301

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.921, 184.301.

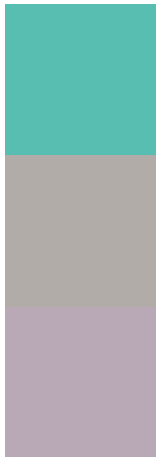


This preview shows how white text looks on a background with the CIELCh color 71, 32.921, 184.301.

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, 32.921, 184.301

Protanopia
71, 3.310, 74.643

Deuteranopia
71, 9.979, 330.246



Tritanopia
71, 27.741, 214.826

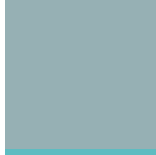
Trichromacy



Original Color
71, 32.921, 184.301



Protanomaly
70, 13.168, 178.882



Deuteranomaly
70, 9.483, 212.126



Tritanomaly
71, 28.611, 202.789

Monochromacy



Original Color
71, 32.921, 184.301



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 13.686, 186.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.921, 184.301 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(88, 190, 177)` looks like.

```
.text, #text, p{  
    color:rgb(88, 190, 177)  
}
```

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(88, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 190, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.921, 184.301 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(88, 190, 177) }
```

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

```
.border{ border-color:rgb(88, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(88, 190,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.921, 184.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 190, 177) }
```

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

```
.background{ background-color: rgb(88, 190,  
177) }
```

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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