

Converting Colors

CIELCh(73, 32.288, 191.119)

Have a look what the booklet for
CIELCh(73, 32.288, 191.119)
contains.

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Color

CIELCh(73, 32.301, 191.136)

Conversions

Conversions Part 1

Format	Color
Hex	5BC4BE
RGB	91, 196, 190
RGB Percent	36%, 77%, 75%
CMY	0.6451, 0.2332, 0.2567
CMYK	0.54, 0.00, 0.03, 0.23
HSL	177°, 47%, 56%
HSV	177°, 54%, 77%
XYZ	33.1428, 45.1644, 55.4214
YIQ	163.9210, -60.6540, -24.1260

Conversions

Conversions Part 2

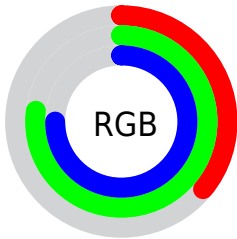
Format	Color
RYB	91, 145, 196
Decimal	6014142
CIELab	73.00, -31.69, -6.24
CIELCh	73, 32.301, 191.136
Yxy	45.1644, 0.2478, 0.3377
Android (android.graphics.Color)	4284204222 (0xFF5BC4BE)
YUV	163.9210, 12.8569, -63.9517
Hunter-Lab	67.2044, -29.5780, -1.8515

Details

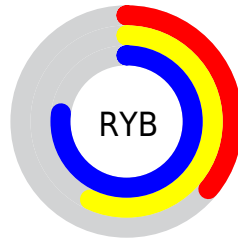
The CIELCh color **73, 32.301, 191.136** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **52, 45.812, 21.792**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 32.436, 190.937**, and **53, 32.345, 191.170** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.164, 190.490**, and if you desaturate by 10%, it is **74, 27.616, 191.779**.

Distribution



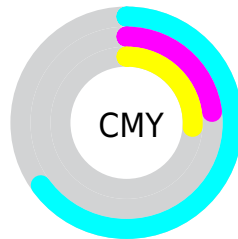
- Red (36%)
- Green (77%)
- Blue (75%)



- Red (36%)
- Yellow (57%)
- Blue (77%)



- Cyan (54%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)





- Cyan (65%)
- Magenta (23%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 32.301, 191.136 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 73, 32.301, 191.136 by changing the saturation by 10% instead.


 73, 32.301,
191.136


 73, 32.301,
191.136


 100, 32.301,
191.136


 63, 32.301,
191.136


 93, 32.301,
191.136

 53, 32.301,
191.136

 43, 32.301,
191.136

 33, 32.301,
191.136

 23, 32.301,
191.136

 13, 32.301,
191.136

 3, 32.301, 191.136

0, 32.301, 191.136

73, 32.301,
191.136

73, 32.301,
191.136

72, 36.164,
190.490

74, 27.616,
191.779

72, 39.153,
189.835

75, 22.197,
192.432

72, 41.263,
189.158

76, 16.152,
193.099

71, 42.553,
188.444

77, 9.600, 193.790

71, 43.087,
187.981

78, 2.656, 194.614

80, 4.574, 14.981

82, 11.997, 15.745

■ 84, 19.536, 16.454

■ 84, 22.665, 15.883

Harmonies

Complementary

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



73, 32.301, 191.136



52, 45.812, 21.792

Rectangle

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



73, 32.301, 191.136



73, 32.301, 241.136



73, 32.301, 11.136



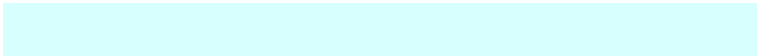
73, 32.301, 61.136

Sweetspot

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



73, 32.301, 191.134



97, 13.806, 193.611



71, 66.039, 138.675



52, 9.269, 193.465



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 32.301, 191.134



92, 44.699, 190.406



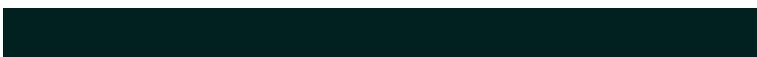
60, 30.119, 257.902



40, 3.979, 194.109



60, 37.217, 188.096



11, 12.865, 190.005

Inverse Universe

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



52, 45.812, 21.792



61, 68.858, 24.880



62, 37.811, 62.079



38, 4.194, 15.301



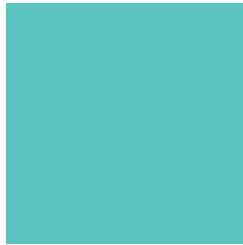
33, 71.509, 37.377



3, 14.030, 16.288

Previews

White Background



This preview shows how the CIELCh color 73, 32.301, 191.136 looks on a white background.

Color Contrast Check

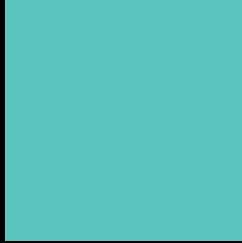
Large Text (above 18pt) WCAG AA × Fail

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 73, 32.301, 191.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

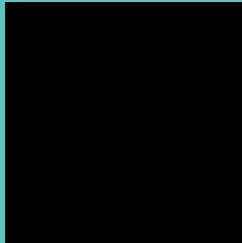
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

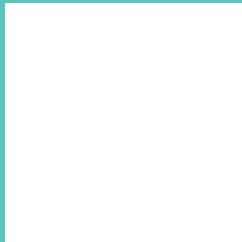
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 32.301, 191.136

Background



This preview shows how black text looks on a background with the CIELCh color 73, 32.301, 191.136.

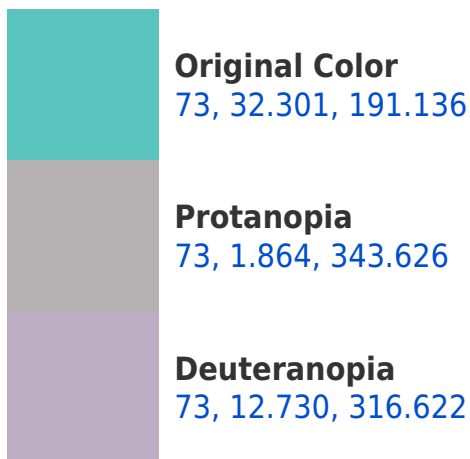


This preview shows how white text looks on a background with the CIELCh color 73, 32.301, 191.136.

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
73, 29.061, 213.865

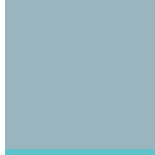
Trichromacy



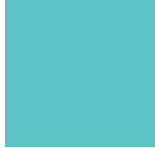
Original Color
73, 32.301, 191.136



Protanomaly
72, 12.754, 195.960



Deuteranomaly
72, 11.292, 230.953



Tritanomaly
73, 29.676, 204.685

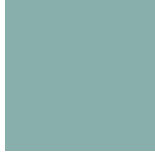
Monochromacy



Original Color
73, 32.301, 191.136



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 13.583, 193.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 32.301, 191.136 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(91, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(91, 196, 190)  
}
```

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(91, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 196, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 32.301, 191.136 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(91, 196, 190) }
```

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

```
.border{ border-color:rgb(91, 196, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(91, 196,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 32.301, 191.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 196, 190) }
```

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

```
.background{ background-color: rgb(91, 196,  
190) }
```

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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