

Converting Colors

CIELCh(71, 32.835, 179.621)

Have a look what the booklet for
CIELCh(71, 32.835, 179.621)
contains.

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Color

CIELCh(71, 32.998, 179.405)

Conversions

Conversions Part 1

Format	Color
Hex	5DBEAC
RGB	93, 190, 172
RGB Percent	36%, 75%, 67%
CMY	0.6349, 0.2545, 0.3251
CMYK	0.51, 0.00, 0.09, 0.25
HSL	169°, 43%, 56%
HSV	169°, 51%, 75%
XYZ	30.4173, 42.1875, 45.6209
YIQ	158.9450, -52.0340, -26.1620

Conversions

Conversions Part 2

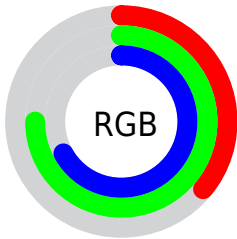
Format	Color
RYB	93, 146, 190
Decimal	6143660
CIELab	71.00, -33.00, 0.34
CIELCh	71, 32.998, 179.405
Yxy	42.1875, 0.2573, 0.3568
Android (android.graphics.Color)	4284333740 (0xFF5DBEAC)
YUV	158.9450, 6.4361, -57.8338
Hunter-Lab	64.9519, -30.0733, 3.8222

Details

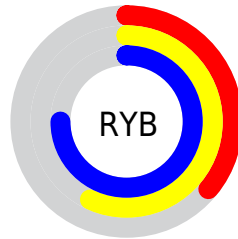
The CIELCh color **71, 32.998, 179.405** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **52, 41.562, 11.455**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 33.136, 178.951**, and **51, 32.954, 179.607** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.785, 178.207**, and if you desaturate by 10%, it is **72, 27.506, 180.506**.

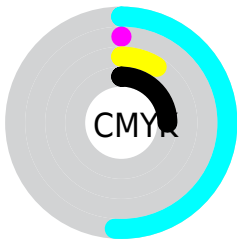
Distribution



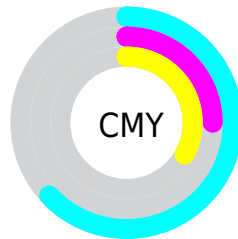
- Red (36%)
- Green (75%)
- Blue (67%)



- Red (36%)
- Yellow (57%)
- Blue (75%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (63%)
- Magenta (25%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 32.998, 179.405 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, 32.998, 179.405 by changing the saturation by 10% instead.


 71, 32.998,
179.405


 71, 32.998,
179.405


 100, 32.998,
179.405


 61, 32.998,
179.405


 91, 32.998,
179.405

 51, 32.998,
179.405

 41, 32.998,
179.405

 31, 32.998,
179.405

 21, 32.998,
179.405

 11, 32.998,
179.405

 1, 32.998, 179.405

0, 32.998, 179.405

71, 32.998,
179.405

71, 32.998,
179.405

70, 37.785,
178.207

72, 27.506,
180.506

70, 41.786,
176.893

73, 21.415,
181.535

69, 44.964,
175.441

74, 14.846,
182.509

69, 47.344,
173.831

75, 7.918, 183.452

69, 48.973,
172.288

77, 0.741, 184.933

78, 6.589, 5.030

80, 13.992, 5.882

■ 82, 21.403, 6.681

■ 83, 25.370, 5.097

Harmonies

Complementary

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



71, 32.998, 179.405



52, 41.562, 11.455

Rectangle

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



71, 32.998, 179.405



71, 32.998, 229.405



71, 32.998, 359.405



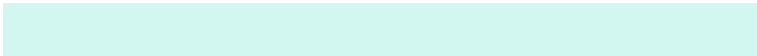
71, 32.998, 49.405

Sweetspot

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



71, 32.998, 179.403



95, 13.256, 183.055



70, 59.277, 135.850



51, 9.085, 182.854



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, 32.998, 179.403



89, 46.559, 178.085



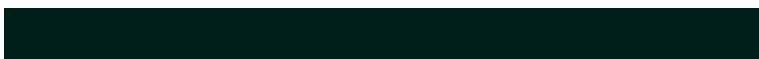
63, 25.457, 238.197



39, 4.056, 183.612



58, 42.589, 172.556



9, 13.002, 177.624

Inverse Universe

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



52, 41.562, 11.455



61, 61.730, 14.290



58, 35.549, 49.044



37, 4.214, 5.144



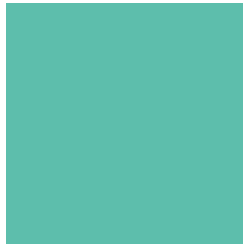
33, 65.219, 29.811



3, 12.494, 8.842

Previews

White Background



This preview shows how the CIELCh color 71, 32.998, 179.405 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, 32.998, 179.405 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, 32.998, 179.405

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.998, 179.405.

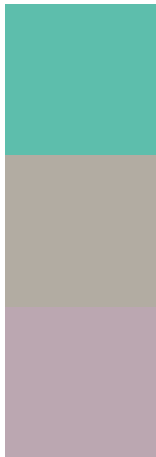


This preview shows how white text looks on a background with the CIELCh color 71, 32.998, 179.405.

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, 32.998, 179.405

Protanopia
71, 5.904, 86.490

Deuteranopia
70, 9.344, 344.501

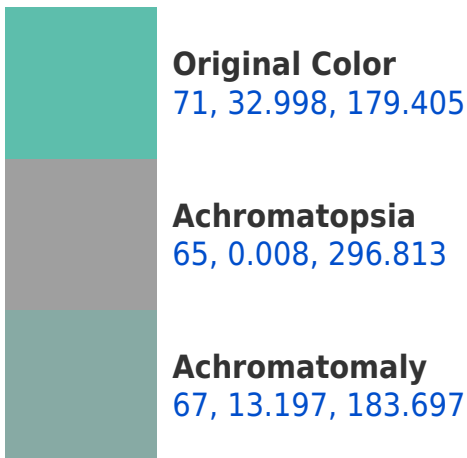


Tritanopia
71, 26.443, 215.805

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.998, 179.405 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(93, 190, 172)` looks like.

```
.text, #text, p{  
    color:rgb(93, 190, 172)  
}
```

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(93, 190, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 190, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.998, 179.405 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(93, 190, 172) }
```

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

```
.border{ border-color:rgb(93, 190, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 190, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 190, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 190, 172);  
box-shadow:4px 4px 4px 4px rgb(93, 190,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.998, 179.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 190, 172) }
```

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

```
.background{ background-color: rgb(93, 190,  
172) }
```

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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