

Converting Colors

CIELCh(71, 32.895, 219.825)

Have a look what the booklet for
CIELCh(71, 32.895, 219.825)
contains.

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Color

CIELCh(71, 32.797, 220.059)

Conversions

Conversions Part 1

Format	Color
Hex	49BCD3
RGB	73, 188, 211
RGB Percent	29%, 74%, 83%
CMY	0.7128, 0.2620, 0.1718
CMYK	0.65, 0.11, 0.00, 0.17
HSL	190°, 61%, 56%
HSV	190°, 65%, 83%
XYZ	32.5726, 42.1875, 68.1830
YIQ	156.2370, -75.9230, -17.2270

Conversions

Conversions Part 2

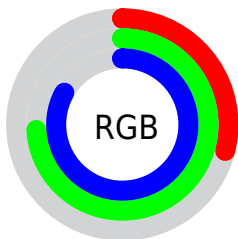
Format	Color
RYB	73, 136, 211
Decimal	4832467
CIELab	71.00, -25.10, -21.11
CIELCh	71, 32.797, 220.059
Yxy	42.1875, 0.2279, 0.2951
Android (android.graphics.Color)	4283022547 (0xFF49BCD3)
YUV	156.2370, 26.9982, -72.9988
Hunter-Lab	64.9519, -24.1503, -16.7731

Details

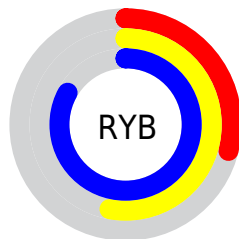
The CIELCh color **71, 32.797, 220.059** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **55, 55.932, 38.596**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 32.068, 207.837**, and **51, 30.273, 222.344** is the 20% darker color. If you saturate the color by 10%, you get **69, 35.155, 221.898**, and if you desaturate by 10%, it is **73, 29.603, 218.648**.

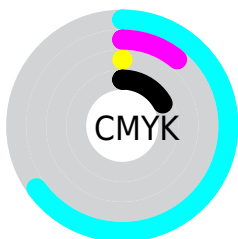
Distribution



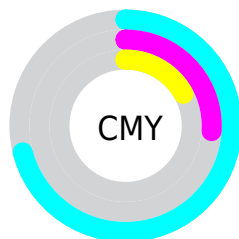
- Red (29%)
- Green (74%)
- Blue (83%)



- Red (29%)
- Yellow (53%)
- Blue (83%)



- Cyan (65%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)





- Cyan (71%)
- Magenta (26%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 32.797, 220.059 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, 32.797, 220.059 by changing the saturation by 10% instead.


 71, 32.797,
220.059


 71, 32.797,
220.059


 100, 32.797,
220.059


 61, 32.797,
220.059


 91, 32.797,
220.059

 51, 32.797,
220.059

 41, 32.797,
220.059

 31, 32.797,
220.059

 21, 32.797,
220.059

 11, 32.797,
220.059

 1, 32.797, 220.059

0, 32.797, 220.059

71, 32.797,
220.059

71, 32.797,
220.059

69, 35.155,
221.898

73, 29.603,
218.648

68, 36.697,
224.241

75, 25.615,
217.598

67, 37.518,
227.139

77, 20.908,
216.840

66, 37.775,
228.619

79, 15.579,
216.321

81, 9.733, 216.001

83, 3.470, 215.911

86, 3.118, 35.480

■ 88, 9.953, 35.612

■ 90, 13.904, 39.000

Harmonies

Complementary

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



71, 32.797, 220.059



55, 55.932, 38.596

Rectangle

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



71, 32.797, 220.059



71, 32.797, 270.059



71, 32.797, 40.059



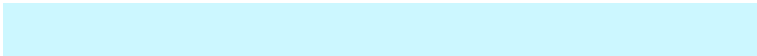
71, 32.797, 90.059

Sweetspot

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



71, 32.796, 220.058



94, 14.588, 216.135



75, 75.802, 142.921



50, 9.860, 216.233



0, 0.000, 0.000



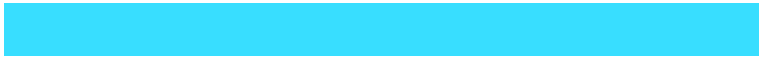
53, 0.007, 296.813

Same Dimension

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



71, 32.796, 220.058



82, 41.256, 222.664



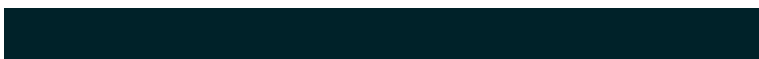
51, 53.888, 284.743



43, 3.635, 215.905



54, 31.896, 228.046



11, 12.265, 221.128

Inverse Universe

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



54, 74.142, 333.605



61, 95.661, 334.567



70, 53.245, 82.228



41, 6.855, 329.934



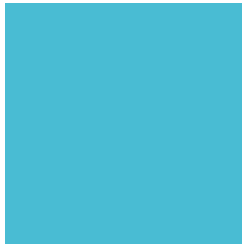
38, 74.398, 336.134



5, 27.357, 334.121

Previews

White Background



This preview shows how the CIELCh color 71, 32.797, 220.059 looks on a white background.

Color Contrast Check

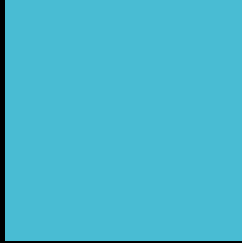
Large Text (above 18pt) WCAG AA × Fail

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, 32.797, 220.059 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, 32.797, 220.059

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.797, 220.059.



This preview shows how white text looks on a background with the CIELCh color 71, 32.797, 220.059.

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

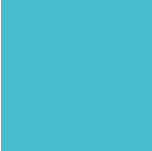
71, 32.797, 220.059

Protanopia

71, 15.899, 286.717

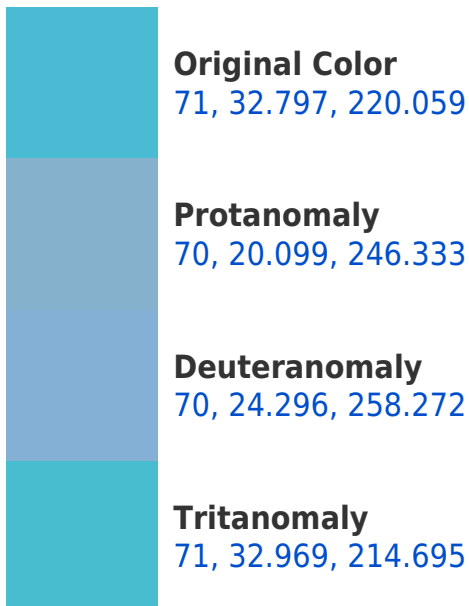
Deuteranopia

71, 25.180, 291.109



Tritanopia
71, 33.065, 212.604

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.797, 220.059 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(73, 188, 211)` looks like.

```
.text, #text, p{  
    color:rgb(73, 188, 211)  
}
```

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(73, 188, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 188, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.797, 220.059 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(73, 188, 211) }
```

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

```
.border{ border-color:rgb(73, 188, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 188, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 188, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 188, 211);  
box-shadow:4px 4px 4px 4px rgb(73, 188,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.797, 220.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 188, 211) }
```

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

```
.background{ background-color: rgb(73, 188,  
211) }
```

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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