

Converting Colors

CIELCh(71, 34.378, 219.452)

Have a look what the booklet for
CIELCh(71, 34.378, 219.452)
contains.

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Color

CIELCh(71, 34.421, 219.823)

Conversions

Conversions Part 1

Format	Color
Hex	3FBDD5
RGB	63, 189, 213
RGB Percent	25%, 74%, 84%
CMY	0.7536, 0.2593, 0.1652
CMYK	0.70, 0.11, 0.00, 0.17
HSL	190°, 64%, 54%
HSV	190°, 70%, 83%
XYZ	32.2014, 42.1875, 69.3086
YIQ	154.0620, -82.8000, -19.2480

Conversions

Conversions Part 2

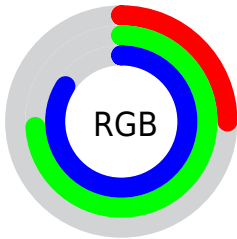
Format	Color
RYB	63, 131, 213
Decimal	4177365
CIELab	71.00, -26.44, -22.04
CIElCh	71, 34.421, 219.823
Yxy	42.1875, 0.2241, 0.2936
Android (android.graphics.Color)	4282367445 (0xFF3FBDD5)
YUV	154.0620, 29.0564, -79.8614
Hunter-Lab	64.9519, -25.1703, -17.8006

Details

The CIELCh color **71, 34.421, 219.823** 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 **53, 61.927, 38.842**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 34.071, 205.299**, and **52, 30.518, 223.337** is the 20% darker color. If you saturate the color by 10%, you get **70, 36.340, 221.812**, and if you desaturate by 10%, it is **73, 31.651, 218.283**.

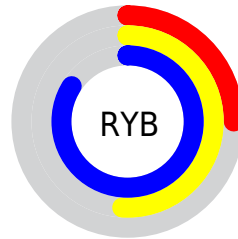
Distribution



Red (25%)

Green (74%)

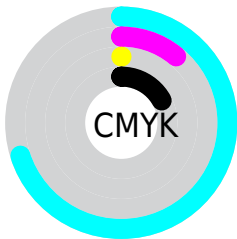
Blue (84%)



Red (25%)

Yellow (51%)

Blue (84%)

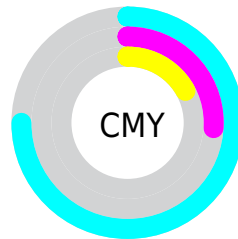


Cyan (70%)

Magenta (11%)

Yellow (0%)

Black (17%)



Cyan (75%)


Magenta (26%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 34.421, 219.823 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, 34.421, 219.823 by changing the saturation by 10% instead.


 71, 34.421,
219.823


 71, 34.421,
219.823


 100, 34.421,
219.823


 61, 34.421,
219.823


 91, 34.421,
219.823

 51, 34.421,
219.823

 41, 34.421,
219.823

 31, 34.421,
219.823

 21, 34.421,
219.823

 11, 34.421,
219.823

 1, 34.421, 219.823

0, 34.421, 219.823

71, 34.421,
219.823

71, 34.421,
219.823

70, 36.340,
221.812

73, 31.651,
218.283

68, 37.464,
224.316

74, 28.045,
217.126

67, 37.993,
227.139

76, 23.663,
216.282

78, 18.597,
215.696

80, 12.949,
215.318

83, 6.826, 215.127

■ 85, 0.325, 216.713

■ 88, 6.466, 34.840

■ 90, 13.473, 34.952

Harmonies

Complementary

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



71, 34.421, 219.823



53, 61.927, 38.842

Rectangle

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



71, 34.421, 219.823



71, 34.421, 269.823



71, 34.421, 39.823



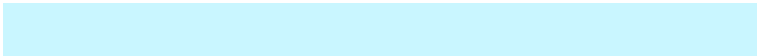
71, 34.421, 89.823

Sweetspot

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



71, 34.420, 219.822



94, 15.333, 215.339



76, 81.964, 141.677



50, 10.281, 215.429



0, 0.000, 0.000



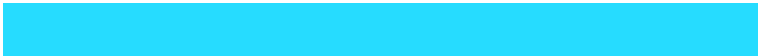
53, 0.007, 296.813

Same Dimension

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



71, 34.420, 219.822



81, 42.444, 223.095



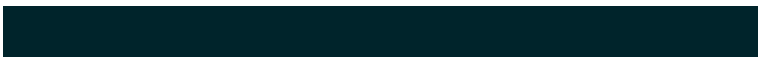
50, 57.376, 285.262



44, 3.724, 215.120



55, 32.254, 226.613



12, 12.737, 220.388

Inverse Universe

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



53, 78.872, 333.678



60, 99.381, 334.772



69, 57.112, 79.978



42, 7.026, 329.708



39, 75.608, 335.763



6, 29.301, 334.049

Previews

White Background



This preview shows how the CIELCh color 71, 34.421, 219.823 looks on a white background.

Color Contrast Check

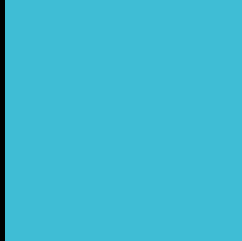
Large Text (above 18pt) WCAG AA × Fail

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, 34.421, 219.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

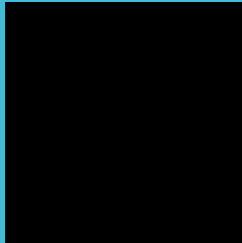
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 34.421, 219.823

Background



This preview shows how black text looks on a background with the CIELCh color 71, 34.421, 219.823.



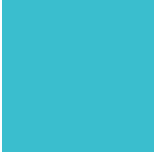
This preview shows how white text looks on a background with the CIELCh color 71, 34.421, 219.823.

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
71, 34.897, 211.644

Trichromacy



Original Color
71, 34.421, 219.823



Protanomaly
70, 21.231, 245.171



Deuteranomaly
70, 25.452, 256.361



Tritanomaly
71, 34.672, 213.688

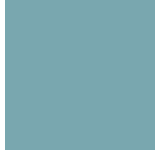
Monochromacy



Original Color
71, 34.421, 219.823



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 16.175, 214.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 34.421, 219.823 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(63, 189, 213)` looks like.

```
.text, #text, p{  
    color:rgb(63, 189, 213)  
}
```

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(63, 189, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 189, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 34.421, 219.823 is called "border". The border property can be set on classes, ids or directly on the HTML element.

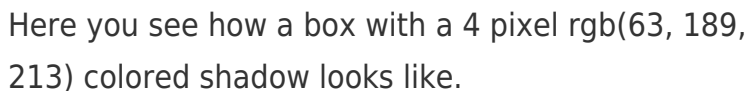
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 189, 213) }
```

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

```
.border{ border-color:rgb(63, 189, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(63, 189, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 189, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 189, 213);  
box-shadow:4px 4px 4px 4px rgb(63, 189,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 34.421, 219.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 189, 213) }
```

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

```
.background{ background-color: rgb(63, 189,  
213) }
```

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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