

Converting Colors

CIELCh(70, 33.040, 211.906)

Have a look what the booklet for
CIELCh(70, 33.040, 211.906)
contains.

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Color

CIELCh(70, 32.940, 212.699)

Conversions

Conversions Part 1

Format	Color
Hex	43BACA
RGB	67, 186, 202
RGB Percent	26%, 73%, 79%
CMY	0.7355, 0.2693, 0.2065
CMYK	0.67, 0.08, 0.00, 0.21
HSL	187°, 56%, 53%
HSV	187°, 67%, 79%
XYZ	30.6759, 40.7494, 62.3377
YIQ	152.2430, -76.0600, -20.2520

Conversions

Conversions Part 2

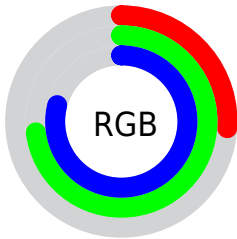
Format	Color
R_{YB}	67, 130, 202
Decimal	4438730
CIE _{Lab}	70.00, -27.72, -17.80
CIE _{LCh}	70, 32.940, 212.699
Yxy	40.7494, 0.2293, 0.3046
Android (android.graphics.Color)	4282628810 (0xFF43BACA)
YUV	152.2430, 24.5302, -74.7581
Hunter-Lab	63.8353, -25.9340, -13.2144

Details

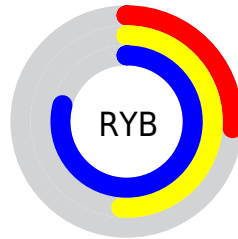
The CIELCh color **70, 32.940, 212.699** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **51, 56.948, 35.663**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 32.716, 209.498**, and **50, 29.616, 215.456** is the 20% darker color. If you saturate the color by 10%, you get **69, 35.078, 213.910**, and if you desaturate by 10%, it is **71, 29.939, 211.801**.

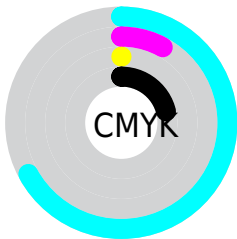
Distribution



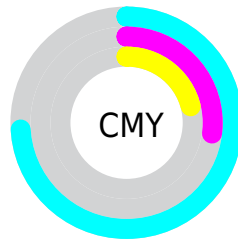
- Red (26%)
- Green (73%)
- Blue (79%)



- Red (26%)
- Yellow (51%)
- Blue (79%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)





- Cyan (74%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 32.940, 212.699 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 70, 32.940, 212.699 by changing the saturation by 10% instead.


 70, 32.940,
212.699


 70, 32.940,
212.699


 100, 32.940,
212.699


 60, 32.940,
212.699


 90, 32.940,
212.699

 50, 32.940,
212.699

 40, 32.940,
212.699

 30, 32.940,
212.699

 20, 32.940,
212.699

 10, 32.940,
212.699

 0, 32.940, 212.699

70, 32.940,
212.699

70, 32.940,
212.699

69, 35.078,
213.910

71, 29.939,
211.801

68, 36.371,
215.485

73, 26.113,
211.171

67, 36.916,
217.453

74, 21.540,
210.762

67, 37.025,
218.153

76, 16.315,
210.537

78, 10.547,
210.467

80, 4.338, 210.568

82, 2.214, 30.301

84, 9.026, 30.677

Harmonies

Complementary

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



70, 32.940, 212.699



51, 56.948, 35.663

Rectangle

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



70, 32.940, 212.699



70, 32.940, 262.699



70, 32.940, 32.699



70, 32.940, 82.699

Sweetspot

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



70, 32.939, 212.698



95, 15.095, 210.475



72, 77.009, 141.339



50, 10.200, 210.495



0, 0.000, 0.000



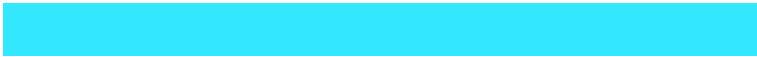
53, 0.007, 296.813

Same Dimension

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



70, 32.939, 212.698



84, 42.556, 214.558



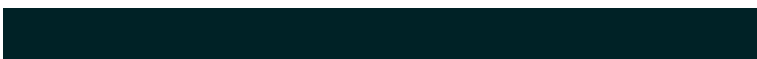
50, 49.296, 281.329



42, 3.688, 210.514



55, 31.954, 217.803



11, 12.099, 212.871

Inverse Universe

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



52, 75.094, 331.766



61, 100.034, 332.566



66, 51.272, 77.712



40, 6.948, 328.365



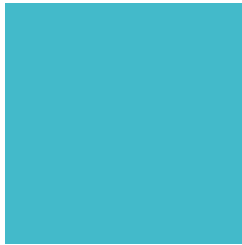
38, 76.336, 333.549



5, 26.376, 331.760

Previews

White Background



This preview shows how the CIELCh color 70, 32.940, 212.699 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 70, 32.940, 212.699 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 70, 32.940, 212.699

Background



This preview shows how black text looks on a background with the CIELCh color 70, 32.940, 212.699.



This preview shows how white text looks on a background with the CIELCh color 70, 32.940, 212.699.

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

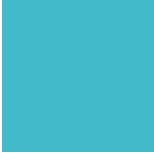
70, 32.940, 212.699

Protanopia

70, 12.075, 288.003

Deuteranopia

70, 22.548, 294.134



Tritanopia
70, 32.940, 212.699

Trichromacy



Original Color
70, 32.940, 212.699



Protanomaly
69, 17.873, 236.656



Deuteranomaly
69, 21.683, 253.384



Tritanomaly
70, 32.940, 212.699

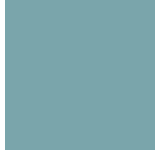
Monochromacy



Original Color
70, 32.940, 212.699



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 15.146, 211.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 32.940, 212.699 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(67, 186, 202)` looks like.

```
.text, #text, p{  
    color:rgb(67, 186, 202)  
}
```

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(67, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 186, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 32.940, 212.699 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(67, 186, 202) }
```

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

```
.border{ border-color:rgb(67, 186, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 186, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(67, 186,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 32.940, 212.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 186, 202) }
```

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

```
.background{ background-color: rgb(67, 186,  
202) }
```

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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