

Converting Colors

CIELCh(73, 34.015, 212.058)

Have a look what the booklet for
CIELCh(73, 34.015, 212.058)
contains.

CIELCh(73, 34.058, 212.030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 34.058, 212.030)

Conversions

Conversions Part 1

Format	Color
Hex	47C3D3
RGB	71, 195, 211
RGB Percent	28%, 76%, 83%
CMY	0.7207, 0.2346, 0.1719
CMYK	0.66, 0.08, 0.00, 0.17
HSL	187°, 61%, 55%
HSV	187°, 66%, 83%
XYZ	33.9458, 45.1644, 68.6671
YIQ	159.7480, -79.0400, -21.3120

Conversions

Conversions Part 2

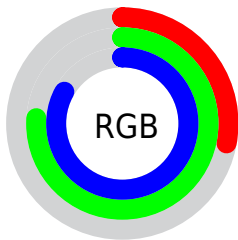
Format	Color
RYB	71, 137, 211
Decimal	4703187
CIELab	73.00, -28.87, -18.06
CIELCh	73, 34.058, 212.030
Yxy	45.1644, 0.2297, 0.3056
Android (android.graphics.Color)	4282893267 (0xFF47C3D3)
YUV	159.7480, 25.2672, -77.8320
Hunter-Lab	67.2044, -27.4453, -13.5373

Details

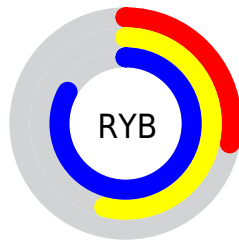
The CIELCh color **73, 34.058, 212.030** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **53, 58.726, 35.364**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 34.428, 199.909**, and **53, 31.043, 213.176** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.292, 213.178**, and if you desaturate by 10%, it is **74, 30.924, 211.184**.

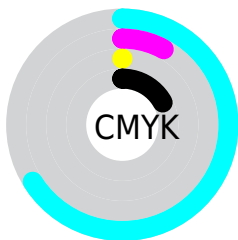
Distribution



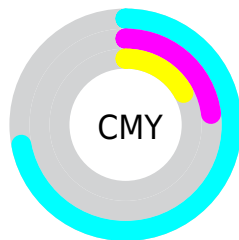
- Red (28%)
- Green (76%)
- Blue (83%)



- Red (28%)
- Yellow (54%)
- Blue (83%)



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)





- Cyan (72%)
- Magenta (23%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 34.058, 212.030 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, 34.058, 212.030 by changing the saturation by 10% instead.


 73, 34.058,
212.030


 73, 34.058,
212.030


 100, 34.058,
212.030


 63, 34.058,
212.030


 93, 34.058,
212.030

 53, 34.058,
212.030

 43, 34.058,
212.030

 33, 34.058,
212.030

 23, 34.058,
212.030

 13, 34.058,
212.030

 3, 34.058, 212.030

0, 34.058, 212.030

73, 34.058,
212.030

73, 34.058,
212.030

72, 36.292,
213.178

74, 30.924,
211.184

71, 37.644,
214.679

76, 26.932,
210.598

70, 38.205,
216.563

77, 22.162,
210.226

70, 38.315,
217.322

79, 16.717,
210.033

81, 10.707,
209.991

83, 4.243, 210.123

■ 85, 2.577, 29.898

■ 88, 9.663, 30.267

■ 90, 14.572, 32.042

Harmonies

Complementary

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



73, 34.058, 212.030



53, 58.726, 35.364

Rectangle

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



73, 34.058, 212.030



73, 34.058, 262.030



73, 34.058, 32.030



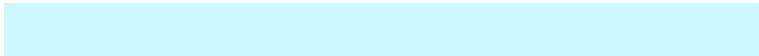
73, 34.058, 82.030

Sweetspot

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



73, 34.057, 212.029



95, 15.146, 209.990



75, 80.159, 140.924



50, 10.235, 210.004



0, 0.000, 0.000



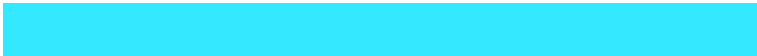
53, 0.007, 296.813

Same Dimension

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



73, 34.057, 212.029



85, 42.679, 213.821



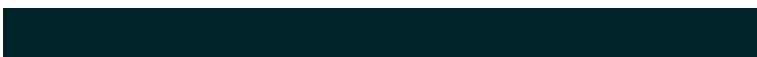
53, 49.442, 279.875



43, 3.777, 210.052



56, 32.395, 216.951



12, 12.588, 212.506

Inverse Universe

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



54, 77.584, 331.590



61, 100.335, 332.383



68, 52.438, 76.256



41, 7.112, 328.233



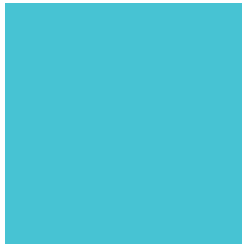
39, 77.449, 333.338



5, 28.499, 331.906

Previews

White Background



This preview shows how the CIELCh color 73, 34.058, 212.030 looks on a white background.

Color Contrast Check

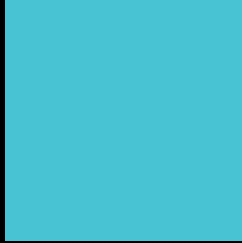
Large Text (above 18pt) WCAG AA × Fail

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 73, 34.058, 212.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

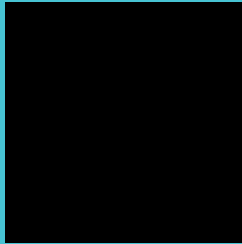
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 34.058, 212.030

Background



This preview shows how black text looks on a background with the CIELCh color 73, 34.058, 212.030.

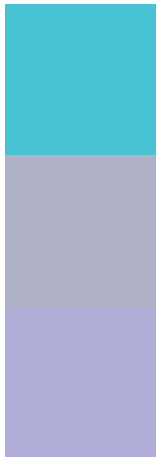


This preview shows how white text looks on a background with the CIELCh color 73, 34.058, 212.030.

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

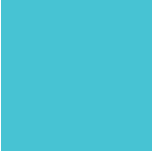
73, 34.058, 212.030

Protanopia

73, 11.973, 287.946

Deuteranopia

73, 22.899, 294.056



Tritanopia
73, 34.058, 212.030

Trichromacy



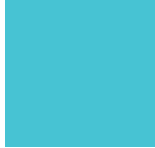
Original Color
73, 34.058, 212.030



Protanomaly
72, 18.246, 233.182



Deuteranomaly
72, 21.902, 251.839

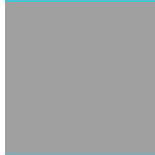


Tritanomaly
73, 34.058, 212.030

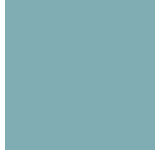
Monochromacy



Original Color
73, 34.058, 212.030



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 15.694, 210.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 34.058, 212.030 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(71, 195, 211)` looks like.

```
.text, #text, p{  
    color:rgb(71, 195, 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(71, 195, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 195, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 34.058, 212.030 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(71, 195, 211) }
```

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

```
.border{ border-color:rgb(71, 195, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 195, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 195, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 195, 211);  
box-shadow:4px 4px 4px 4px rgb(71, 195,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 34.058, 212.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 195, 211) }
```

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

```
.background{ background-color: rgb(71, 195,  
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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