

Converting Colors

CIELCh(73, 30.035, 201.377)

Have a look what the booklet for
CIELCh(73, 30.035, 201.377)
contains.

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Color

CIELCh(73, 30.050, 201.378)

Conversions

Conversions Part 1

Format	Color
Hex	5EC2C6
RGB	94, 194, 198
RGB Percent	37%, 76%, 78%
CMY	0.6304, 0.2383, 0.2226
CMYK	0.52, 0.02, 0.00, 0.22
HSL	182°, 48%, 57%
HSV	182°, 52%, 78%
XYZ	34.2022, 45.1644, 60.4772
YIQ	164.5560, -60.8840, -19.9560

Conversions

Conversions Part 2

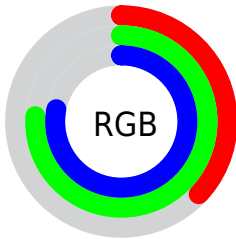
Format	Color
RYB	94, 145, 198
Decimal	6210246
CIELab	73.00, -27.98, -10.95
CIELCh	73, 30.050, 201.378
Yxy	45.1644, 0.2446, 0.3230
Android (android.graphics.Color)	4284400326 (0xFF5EC2C6)
YUV	164.5560, 16.4879, -61.8776
Hunter-Lab	67.2044, -26.7643, -6.3119

Details

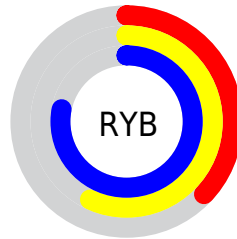
The CIELCh color **73, 30.050, 201.378** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 44.636, 27.973**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 30.151, 201.527**, and **53, 30.112, 201.073** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.609, 201.404**, and if you desaturate by 10%, it is **74, 25.659, 201.463**.

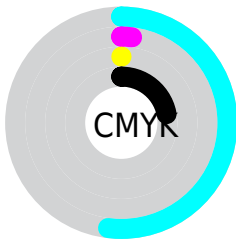
Distribution



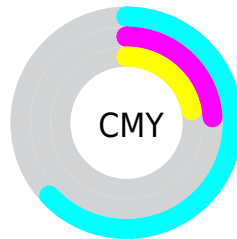
- Red (37%)
- Green (76%)
- Blue (78%)



- Red (37%)
- Yellow (57%)
- Blue (78%)



- Cyan (52%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)





- Cyan (63%)
- Magenta (24%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 30.050, 201.378 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, 30.050, 201.378 by changing the saturation by 10% instead.


 73, 30.050,
201.378


 73, 30.050,
201.378


 100, 30.050,
201.378


 63, 30.050,
201.378


 93, 30.050,
201.378

 53, 30.050,
201.378

 43, 30.050,
201.378

 33, 30.050,
201.378

 23, 30.050,
201.378

 13, 30.050,
201.378

 3, 30.050, 201.378

0, 30.050, 201.378

73, 30.050,
201.378

73, 30.050,
201.378

72, 33.609,
201.404

74, 25.659,
201.463

71, 36.283,
201.558

75, 20.520,
201.652

71, 38.067,
201.850

76, 14.740,
201.931

71, 39.015,
202.284

78, 8.431, 202.298

70, 39.335,
202.686

80, 1.703, 202.954

81, 5.343, 22.971

83, 12.618, 23.508

■ 85, 20.048, 24.028

■ 86, 20.640, 25.066

Harmonies

Complementary

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



73, 30.050, 201.378



54, 44.636, 27.973

Rectangle

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



73, 30.050, 201.378



73, 30.050, 251.378



73, 30.050, 21.378



73, 30.050, 71.378

Sweetspot

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



73, 30.050, 201.376



97, 13.144, 202.148



72, 65.167, 140.943



51, 8.818, 202.071



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, 30.050, 201.376



90, 41.175, 201.418



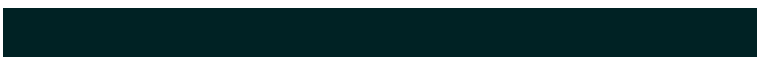
58, 33.726, 269.142



41, 3.881, 202.436



59, 34.073, 202.593



11, 12.461, 201.162

Inverse Universe

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



56, 64.469, 328.290



67, 91.469, 328.791



65, 37.969, 72.123



39, 7.192, 325.982



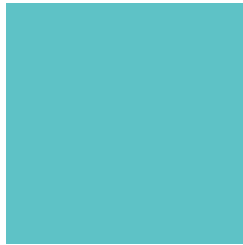
38, 80.327, 329.806



4, 25.879, 328.296

Previews

White Background



This preview shows how the CIELCh color 73, 30.050, 201.378 looks on a white background.

Color Contrast Check

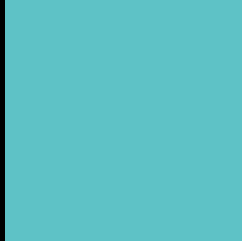
Large Text (above 18pt) WCAG AA × Fail

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, 30.050, 201.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

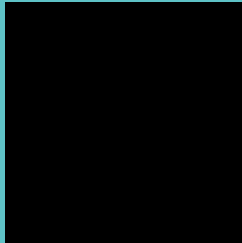
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

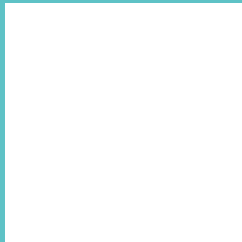
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 30.050, 201.378

Background



This preview shows how black text looks on a background with the CIELCh color 73, 30.050, 201.378.

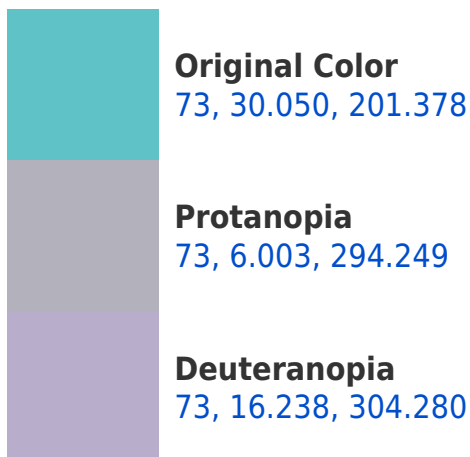


This preview shows how white text looks on a background with the CIELCh color 73, 30.050, 201.378.

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
73, 28.857, 213.998

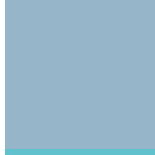
Trichromacy



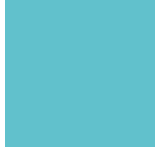
Original Color
73, 30.050, 201.378



Protanomaly
72, 12.902, 220.983



Deuteranomaly
72, 14.644, 247.152

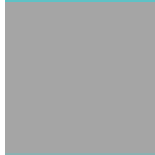


Tritanomaly
73, 28.960, 209.384

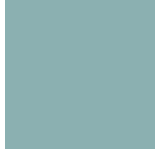
Monochromacy



Original Color
73, 30.050, 201.378



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 13.060, 200.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 30.050, 201.378 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(94, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(94, 194, 198)  
}
```

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(94, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 194, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 30.050, 201.378 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(94, 194, 198) }
```

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

```
.border{ border-color:rgb(94, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 194, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 194, 198);  
box-shadow:4px 4px 4px 4px rgb(94, 194,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 30.050, 201.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 194, 198) }
```

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

```
.background{ background-color: rgb(94, 194,  
198) }
```

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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