

Converting Colors

CIELCh(73, 34.269, 193.344)

Have a look what the booklet for
CIELCh(73, 34.269, 193.344)
contains.

CIELCh(73, 34.020, 194.094)	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, 34.020, 194.094)

Conversions

Conversions Part 1

Format	Color
Hex	50C4C1
RGB	80, 196, 193
RGB Percent	31%, 77%, 76%
CMY	0.6852, 0.2304, 0.2422
CMYK	0.59, 0.00, 0.02, 0.23
HSL	178°, 50%, 54%
HSV	178°, 59%, 77%
XYZ	32.7760, 45.1644, 57.5788
YIQ	160.9740, -68.1730, -25.5250

Conversions

Conversions Part 2

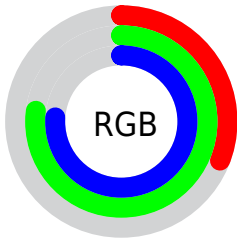
Format	Color
RYB	80, 139, 196
Decimal	5293249
CIELab	73.00, -33.00, -8.28
CIElCh	73, 34.020, 194.094
Yxy	45.1644, 0.2419, 0.3333
Android (android.graphics.Color)	4283483329 (0xFF50C4C1)
YUV	160.9740, 15.7888, -71.0142
Hunter-Lab	67.2044, -30.5522, -3.7548

Details

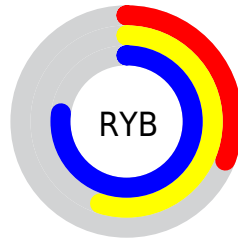
The CIELCh color **73, 34.020, 194.094** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **50, 51.614, 25.388**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 33.970, 193.783**, and **53, 32.744, 194.292** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.268, 193.666**, and if you desaturate by 10%, it is **74, 29.903, 194.551**.

Distribution



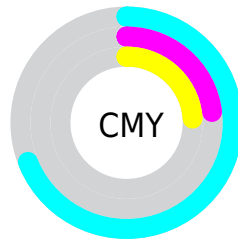
- Red (31%)
- Green (77%)
- Blue (76%)



- Red (31%)
- Yellow (55%)
- Blue (77%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)





- Cyan (69%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 34.020, 194.094 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, 34.020, 194.094 by changing the saturation by 10% instead.


 73, 34.020,
194.094


 73, 34.020,
194.094


 100, 34.020,
194.094


 63, 34.020,
194.094


 93, 34.020,
194.094

 53, 34.020,
194.094

 43, 34.020,
194.094

 33, 34.020,
194.094

 23, 34.020,
194.094

 13, 34.020,
194.094

 3, 34.020, 194.094

0, 34.020, 194.094

73, 34.020,
194.094

73, 34.020,
194.094

72, 37.268,
193.666

74, 29.903,
194.551

72, 39.625,
193.265

74, 24.982,
195.045

72, 41.124,
192.882

75, 19.353,
195.577

72, 41.923,
192.505

77, 13.126,
196.148

72, 41.985,
192.471

78, 6.420, 196.778

79, 0.656, 16.480

81, 7.998, 17.868

■ 83, 15.519, 18.544

■ 84, 22.407, 19.078

Harmonies

Complementary

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



73, 34.020, 194.094



50, 51.614, 25.388

Rectangle

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



73, 34.020, 194.094



73, 34.020, 244.094



73, 34.020, 14.094



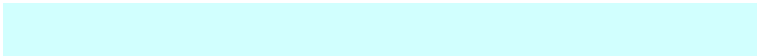
73, 34.020, 64.094

Sweetspot

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



73, 34.020, 194.092



97, 15.343, 196.197



71, 72.600, 138.780



51, 10.568, 196.022



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, 34.020, 194.092



92, 46.369, 193.543



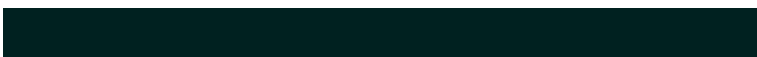
57, 34.290, 263.731



40, 3.959, 196.760



60, 36.185, 192.527



11, 12.621, 193.438

Inverse Universe

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



50, 51.614, 25.388



59, 77.959, 29.376



61, 42.364, 64.771



38, 4.187, 17.822



33, 72.705, 38.676



3, 14.008, 17.988

Previews

White Background



This preview shows how the CIELCh color 73, 34.020, 194.094 looks on a white background.

Color Contrast Check

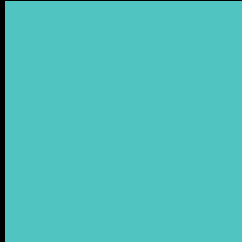
Large Text (above 18pt) WCAG AA × Fail

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, 34.020, 194.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

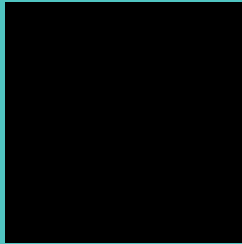
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

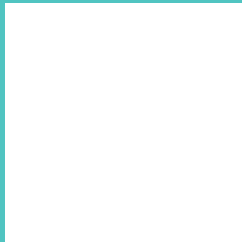
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 34.020, 194.094

Background



This preview shows how black text looks on a background with the CIELCh color 73, 34.020, 194.094.

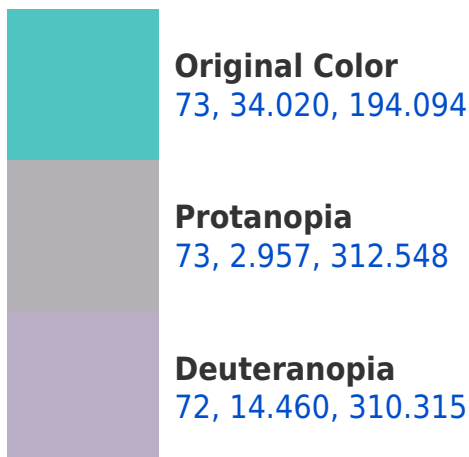


This preview shows how white text looks on a background with the CIELCh color 73, 34.020, 194.094.

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, 31.202, 212.561

Trichromacy



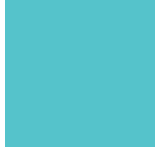
Original Color
73, 34.020, 194.094



Protanomaly
72, 13.947, 202.845



Deuteranomaly
72, 13.704, 235.505

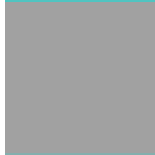


Tritanomaly
73, 31.843, 205.038

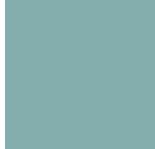
Monochromacy



Original Color
73, 34.020, 194.094



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 14.814, 196.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 34.020, 194.094 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(80, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(80, 196, 193)  
}
```

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(80, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 196, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 34.020, 194.094 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(80, 196, 193) }
```

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

```
.border{ border-color:rgb(80, 196, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(80, 196,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 34.020, 194.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 196, 193) }
```

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

```
.background{ background-color: rgb(80, 196,  
193) }
```

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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