

Converting Colors

CIELCh(73, 34.211, 196.644)

Have a look what the booklet for
CIELCh(73, 34.211, 196.644)
contains.

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Color

CIELCh(73, 34.165, 196.876)

Conversions

Conversions Part 1

Format	Color
Hex	4DC4C4
RGB	77, 196, 196
RGB Percent	30%, 77%, 77%
CMY	0.6970, 0.2305, 0.2305
CMYK	0.61, 0.00, 0.00, 0.23
HSL	180°, 50%, 54%
HSV	180°, 61%, 77%
XYZ	32.8608, 45.1644, 59.3415
YIQ	160.4190, -70.9240, -25.2280

Conversions

Conversions Part 2

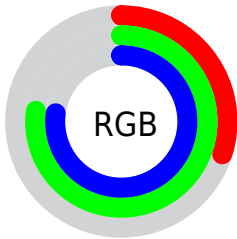
Format	Color
RYB	77, 137, 196
Decimal	5096644
CIELab	73.00, -32.69, -9.92
CIELCh	73, 34.165, 196.876
Yxy	45.1644, 0.2392, 0.3288
Android (android.graphics.Color)	4283286724 (0xFF4DC4C4)
YUV	160.4190, 17.5414, -73.1585
Hunter-Lab	67.2044, -30.3269, -5.3099

Details

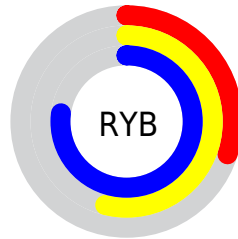
The CIELCh color **73, 34.165, 196.876** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **49, 53.684, 27.589**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 34.006, 197.316**, and **53, 32.411, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **73, 37.164, 196.661**, and if you desaturate by 10%, it is **74, 30.285, 197.153**.

Distribution



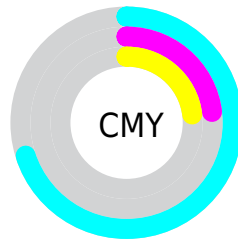
- Red (30%)
- Green (77%)
- Blue (77%)



- Red (30%)
- Yellow (54%)
- Blue (77%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)





- Cyan (70%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 34.165, 196.876 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, 34.165, 196.876 by changing the saturation by 10% instead.


 73, 34.165,
196.876


 73, 34.165,
196.876


 100, 34.165,
196.876


 63, 34.165,
196.876


 93, 34.165,
196.876

 53, 34.165,
196.876

 43, 34.165,
196.876

 33, 34.165,
196.876

 23, 34.165,
196.876

 13, 34.165,
196.876

 3, 34.165, 196.876

0, 34.165, 196.876

73, 34.165,
196.876

73, 34.165,
196.876

73, 37.164,
196.661

74, 30.285,
197.153

72, 39.273,
196.513

74, 25.577,
197.497

72, 40.540,
196.424

75, 20.130,
197.903

72, 41.147,
196.381

76, 14.049,
198.368

78, 7.450, 198.902

79, 0.445, 200.591

81, 6.862, 19.860

■ 82, 14.380, 20.495

■ 84, 22.031, 21.118

Harmonies

Complementary

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



73, 34.165, 196.876



49, 53.684, 27.589

Rectangle

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



73, 34.165, 196.876



73, 34.165, 246.876



73, 34.165, 16.876



73, 34.165, 66.876

Sweetspot

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



73, 34.165, 196.874



97, 15.282, 198.486



71, 74.462, 138.908



51, 10.520, 198.337



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, 34.165, 196.874



92, 46.291, 196.602



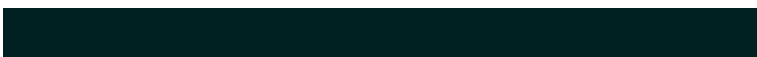
56, 35.899, 266.203



40, 3.949, 198.978



60, 35.476, 196.382



11, 12.444, 196.389

Inverse Universe

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



49, 53.684, 27.589



58, 81.400, 31.748



61, 43.666, 66.200



38, 4.187, 19.918



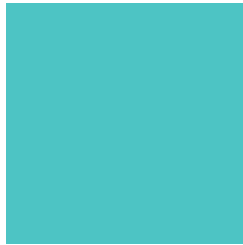
33, 73.726, 39.722



3, 13.999, 19.403

Previews

White Background



This preview shows how the CIELCh color 73, 34.165, 196.876 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, 34.165, 196.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

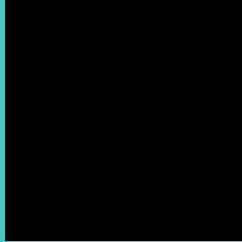
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

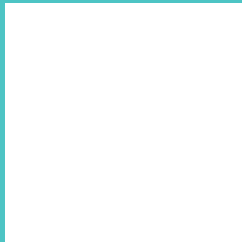
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 34.165, 196.876

Background



This preview shows how black text looks on a background with the CIELCh color 73, 34.165, 196.876.

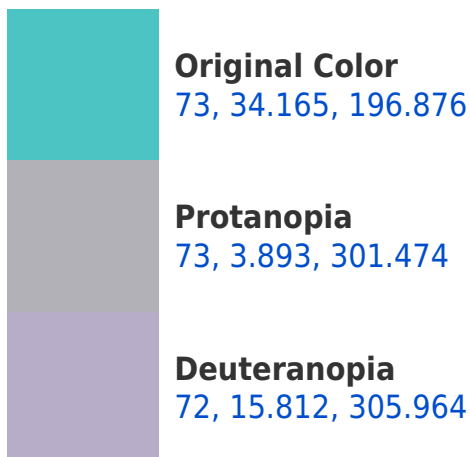


This preview shows how white text looks on a background with the CIELCh color 73, 34.165, 196.876.

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, 31.941, 213.190

Trichromacy



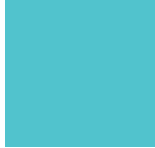
Original Color
73, 34.165, 196.876



Protanomaly
72, 14.601, 206.944



Deuteranomaly
72, 15.331, 238.685

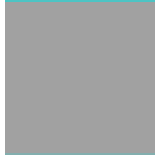


Tritanomaly
73, 32.496, 206.819

Monochromacy



Original Color
73, 34.165, 196.876



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 15.069, 198.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 34.165, 196.876 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(77, 196, 196)` looks like.

```
.text, #text, p{
  color:rgb(77, 196, 196)
}
```

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(77, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 196, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 34.165, 196.876 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(77, 196, 196) }
```

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

```
.border{ border-color:rgb(77, 196, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(77, 196,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 34.165, 196.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 196, 196) }
```

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

```
.background{ background-color: rgb(77, 196,  
196) }
```

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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