

Converting Colors

CIELCh(74, 33.240, 196.958)

Have a look what the booklet for
CIELCh(74, 33.240, 196.958)
contains.

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Color

CIELCh(74, 33.334, 196.962)

Conversions

Conversions Part 1

Format	Color
Hex	55C7C7
RGB	85, 199, 199
RGB Percent	33%, 78%, 78%
CMY	0.6682, 0.2210, 0.2210
CMYK	0.57, 0.00, 0.00, 0.22
HSL	180°, 50%, 56%
HSV	180°, 57%, 78%
XYZ	34.3203, 46.7039, 61.0253
YIQ	164.9140, -67.9440, -24.1680

Conversions

Conversions Part 2

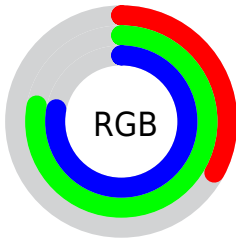
Format	Color
RYB	85, 142, 199
Decimal	5621703
CIELab	74.00, -31.88, -9.72
CIELCh	74, 33.334, 196.962
Yxy	46.7039, 0.2416, 0.3288
Android (android.graphics.Color)	4283811783 (0xFF55C7C7)
YUV	164.9140, 16.8044, -70.0846
Hunter-Lab	68.3403, -29.9533, -5.1055

Details

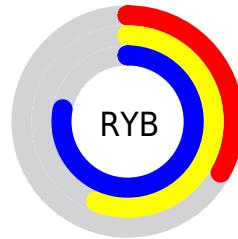
The CIELCh color **74, 33.334, 196.962** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **51, 51.008, 26.776**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 33.085, 197.384**, and **54, 32.908, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **73, 36.647, 196.727**, and if you desaturate by 10%, it is **75, 29.142, 197.260**.

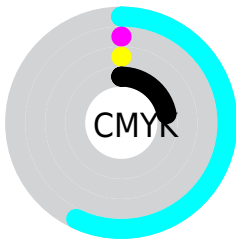
Distribution



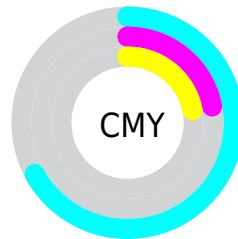
- Red (33%)
- Green (78%)
- Blue (78%)



- Red (33%)
- Yellow (56%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (67%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 33.334, 196.962 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 74, 33.334, 196.962 by changing the saturation by 10% instead.


 74, 33.334,
196.962


 74, 33.334,
196.962


 100, 33.334,
196.962


 64, 33.334,
196.962


 94, 33.334,
196.962

 54, 33.334,
196.962

 44, 33.334,
196.962

 34, 33.334,
196.962

 24, 33.334,
196.962

 14, 33.334,
196.962

 4, 33.334, 196.962

0, 33.334, 196.962

74, 33.334,
196.962

74, 33.334,
196.962

73, 36.647,
196.727

75, 29.142,
197.260

73, 39.059,
196.558

76, 24.140,
197.624

73, 40.597,
196.452

77, 18.422,
198.049

73, 41.375,
196.398

78, 12.100,
198.534

73, 41.524,
196.388

79, 5.291, 199.106

81, 1.893, 19.262

82, 9.351, 20.073

■ 84, 16.995, 20.699

■ 85, 21.466, 21.060

Harmonies

Complementary

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



74, 33.334, 196.962



51, 51.008, 26.776

Rectangle

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



74, 33.334, 196.962



74, 33.334, 246.962



74, 33.334, 16.962



74, 33.334, 66.962

Sweetspot

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



74, 33.334, 196.960



97, 14.478, 198.542



72, 72.134, 139.547



51, 9.623, 198.437



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 33.334, 196.960



92, 45.093, 196.677



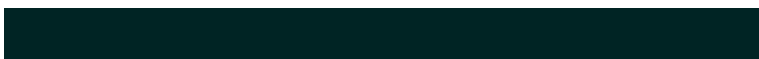
57, 35.239, 267.069



41, 4.034, 198.980



61, 35.888, 196.388



12, 12.983, 196.388

Inverse Universe

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



55, 71.485, 327.337



65, 100.008, 327.764



63, 41.621, 68.223



39, 7.382, 324.932



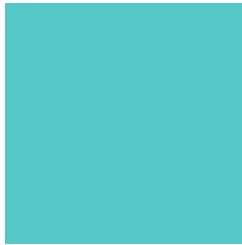
39, 82.759, 328.233



4, 26.742, 327.026

Previews

White Background



This preview shows how the CIELCh color 74, 33.334, 196.962 looks on a white background.

Color Contrast Check

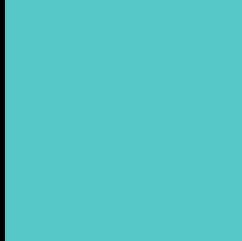
Large Text (above 18pt) WCAG AA × Fail

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 74, 33.334, 196.962 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

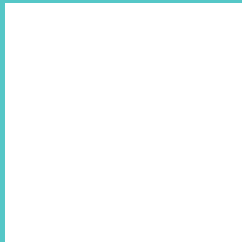
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 33.334, 196.962

Background



This preview shows how black text looks on a background with the CIELCh color 74, 33.334, 196.962.

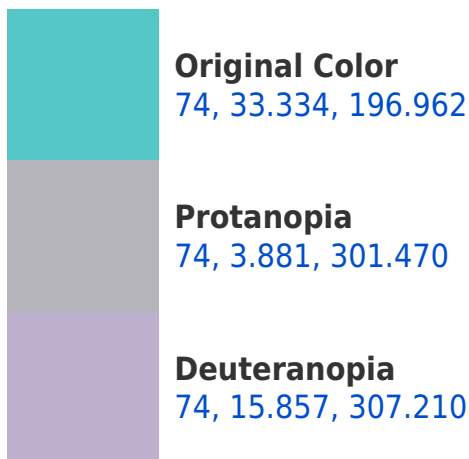


This preview shows how white text looks on a background with the CIELCh color 74, 33.334, 196.962.

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
74, 31.272, 212.496

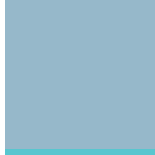
Trichromacy



Original Color
74, 33.334, 196.962



Protanomaly
73, 13.945, 207.385



Deuteranomaly
73, 14.825, 240.216

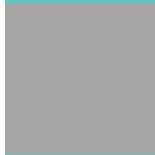


Tritanomaly
74, 31.878, 206.034

Monochromacy



Original Color
74, 33.334, 196.962



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 14.397, 198.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 33.334, 196.962 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(85, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(85, 199, 199)  
}
```

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(85, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 199, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 33.334, 196.962 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(85, 199, 199) }
```

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

```
.border{ border-color:rgb(85, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(85, 199,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 33.334, 196.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 199, 199) }
```

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

```
.background{ background-color: rgb(85, 199,  
199) }
```

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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