

Converting Colors

CIELCh(74, 32.553, 197.605)

Have a look what the booklet for
CIELCh(74, 32.553, 197.605)
contains.

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Color

CIELCh(74, 32.429, 197.992)

Conversions

Conversions Part 1

Format	Color
Hex	58C6C7
RGB	88, 198, 199
RGB Percent	35%, 78%, 78%
CMY	0.6540, 0.2227, 0.2188
CMYK	0.56, 0.01, 0.00, 0.22
HSL	181°, 50%, 56%
HSV	181°, 56%, 78%
XYZ	34.6221, 46.7039, 61.3501
YIQ	165.2240, -65.8810, -23.0090

Conversions

Conversions Part 2

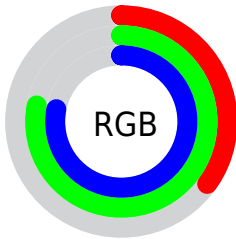
Format	Color
RYB	88, 143, 199
Decimal	5818055
CIELab	74.00, -30.84, -10.02
CIELCh	74, 32.429, 197.992
Yxy	46.7039, 0.2427, 0.3273
Android (android.graphics.Color)	4284008135 (0xFF58C6C7)
YUV	165.2240, 16.6516, -67.7254
Hunter-Lab	68.3403, -29.1650, -5.3873

Details

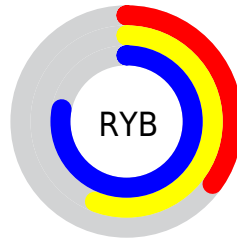
The CIELCh color **74, 32.429, 197.992** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **52, 49.091, 26.874**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 32.372, 197.427**, and **54, 32.544, 197.441** is the 20% darker color. If you saturate the color by 10%, you get **73, 35.855, 197.814**, and if you desaturate by 10%, it is **75, 28.134, 198.244**.

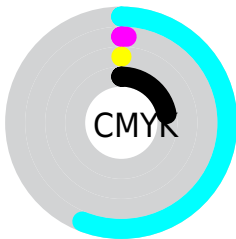
Distribution



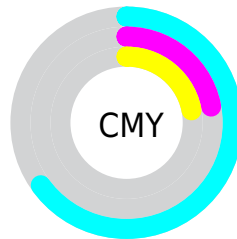
- Red (35%)
- Green (78%)
- Blue (78%)



- Red (35%)
- Yellow (56%)
- Blue (78%)



- Cyan (56%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (65%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.429, 197.992 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, 32.429, 197.992 by changing the saturation by 10% instead.


 74, 32.429,
197.992


 74, 32.429,
197.992


 100, 32.429,
197.992


 64, 32.429,
197.992


 94, 32.429,
197.992

 54, 32.429,
197.992

 44, 32.429,
197.992

 34, 32.429,
197.992

 24, 32.429,
197.992

 14, 32.429,
197.992

 4, 32.429, 197.992

0, 32.429, 197.992

74, 32.429,
197.992

74, 32.429,
197.992

73, 35.855,
197.814

75, 28.134,
198.244

73, 38.378,
197.717

76, 23.044,
198.570

73, 40.017,
197.699

77, 17.260,
198.964

72, 40.852,
197.755

78, 10.894,
199.425

72, 41.079,
197.791

79, 4.063, 199.999

81, 3.126, 20.215

83, 10.572, 20.897

■ 85, 18.194, 21.498

■ 85, 21.011, 21.877

Harmonies

Complementary

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



74, 32.429, 197.992



52, 49.091, 26.874

Rectangle

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



74, 32.429, 197.992



74, 32.429, 247.992



74, 32.429, 17.992



74, 32.429, 67.992

Sweetspot

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



74, 32.429, 197.990



97, 14.344, 199.349



72, 70.451, 139.739



51, 9.534, 199.252



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, 32.429, 197.990



92, 43.968, 197.785



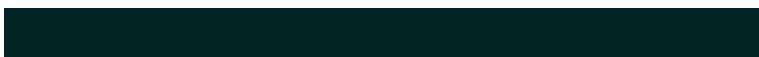
58, 34.322, 266.541



41, 3.997, 199.762



60, 35.435, 197.771



12, 12.855, 197.462

Inverse Universe

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



55, 69.470, 327.536



66, 97.471, 327.987



64, 40.345, 68.444



39, 7.338, 325.172



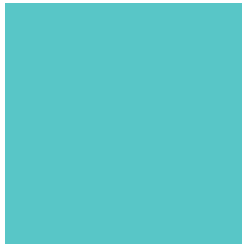
39, 82.186, 328.588



4, 26.539, 327.313

Previews

White Background



This preview shows how the CIELCh color 74, 32.429, 197.992 looks on a white background.

Color Contrast Check

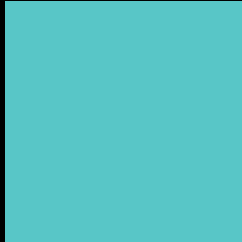
Large Text (above 18pt) WCAG AA × Fail

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, 32.429, 197.992 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

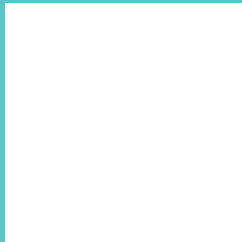
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 32.429, 197.992

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.429, 197.992.

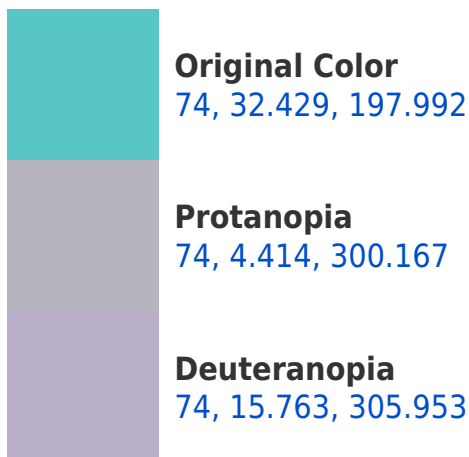


This preview shows how white text looks on a background with the CIELCh color 74, 32.429, 197.992.

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, 30.534, 214.015

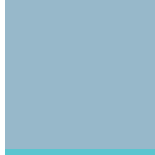
Trichromacy



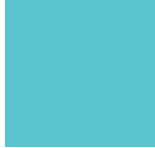
Original Color
74, 32.429, 197.992



Protanomaly
73, 13.673, 209.923



Deuteranomaly
73, 14.590, 241.051

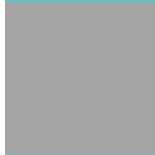


Tritanomaly
74, 31.063, 207.362

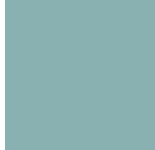
Monochromacy



Original Color
74, 32.429, 197.992



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 14.073, 198.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.429, 197.992 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(88, 198, 199)` looks like.

```
.text, #text, p{  
    color:rgb(88, 198, 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(88, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 198, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.429, 197.992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

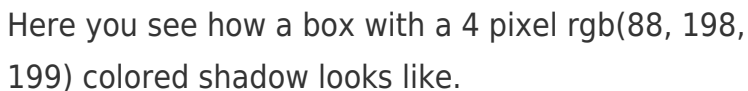
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 198, 199) }
```

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

```
.border{ border-color:rgb(88, 198, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(88, 198, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(88, 198, 199); box-shadow:4px 4px 4px 4px rgb(88, 198, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.429, 197.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 198, 199) }
```

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

```
.background{ background-color: rgb(88, 198,  
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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