

Converting Colors

CIELCh(74, 32.768, 185.407)

Have a look what the booklet for
CIELCh(74, 32.768, 185.407)
contains.

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Color

CIELCh(74, 32.981, 184.521)

Conversions

Conversions Part 1

Format	Color
Hex	61C7BA
RGB	97, 199, 186
RGB Percent	38%, 78%, 73%
CMY	0.6213, 0.2212, 0.2722
CMYK	0.51, 0.00, 0.07, 0.22
HSL	172°, 47%, 58%
HSV	172°, 51%, 78%
XYZ	34.0335, 46.7039, 53.4516
YIQ	167.0200, -56.6190, -25.6670

Conversions

Conversions Part 2

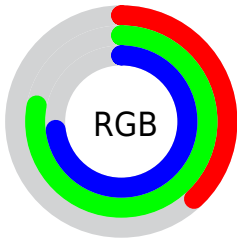
Format	Color
RYB	97, 151, 199
Decimal	6408122
CIELab	74.00, -32.88, -2.60
CIElCh	74, 32.981, 184.521
Yxy	46.7039, 0.2536, 0.3480
Android (android.graphics.Color)	4284598202 (0xFF61C7BA)
YUV	167.0200, 9.3571, -61.4075
Hunter-Lab	68.3403, -30.7024, 1.4652

Details

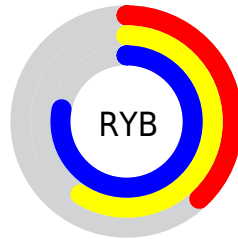
The CIELCh color **74, 32.981, 184.521** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 43.553, 16.004**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 32.386, 185.369**, and **54, 33.144, 184.156** is the 20% darker color. If you saturate the color by 10%, you get **73, 37.501, 183.522**, and if you desaturate by 10%, it is **75, 27.687, 185.458**.

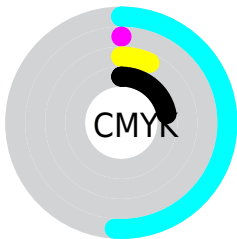
Distribution



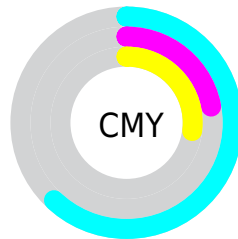
- Red (38%)
- Green (78%)
- Blue (73%)



- Red (38%)
- Yellow (59%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)





- Cyan (62%)
- Magenta (22%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.981, 184.521 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, 32.981, 184.521 by changing the saturation by 10% instead.


 74, 32.981,
184.521


 74, 32.981,
184.521


 100, 32.981,
184.521


 64, 32.981,
184.521


 94, 32.981,
184.521

 54, 32.981,
184.521

 44, 32.981,
184.521

 34, 32.981,
184.521

 24, 32.981,
184.521

 14, 32.981,
184.521

 4, 32.981, 184.521

0, 32.981, 184.521

74, 32.981,
184.521

74, 32.981,
184.521

73, 37.501,
183.522

75, 27.687,
185.458

73, 41.172,
182.448

76, 21.722,
186.354

72, 43.967,
181.276

77, 15.206,
187.222

72, 45.922,
179.989

78, 8.264, 188.082

72, 47.103,
178.803

80, 1.009, 189.351

82, 6.455, 9.540

83, 14.040, 10.360

■ 85, 21.507, 11.039

■ 85, 21.676, 7.586

Harmonies

Complementary

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



74, 32.981, 184.521



54, 43.553, 16.004

Rectangle

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



74, 32.981, 184.521



74, 32.981, 234.521



74, 32.981, 4.521



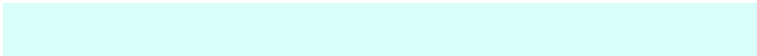
74, 32.981, 54.521

Sweetspot

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



74, 32.981, 184.519



97, 13.256, 187.748



73, 63.017, 137.424



52, 9.003, 187.565



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, 32.981, 184.519



92, 46.024, 183.361



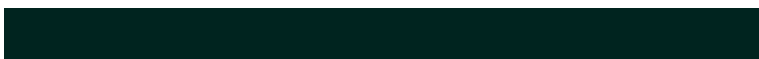
63, 27.536, 248.175



41, 4.141, 188.258



60, 40.631, 179.020



12, 14.235, 182.480

Inverse Universe

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



54, 43.553, 16.004



63, 65.052, 19.083



62, 36.515, 55.588



39, 4.331, 9.682



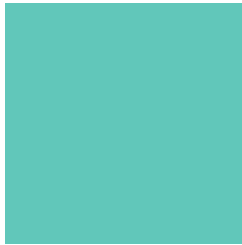
34, 69.455, 33.859



3, 16.015, 12.831

Previews

White Background



This preview shows how the CIELCh color 74, 32.981, 184.521 looks on a white background.

Color Contrast Check

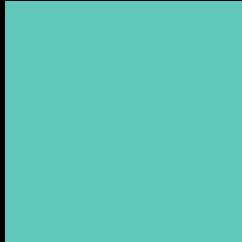
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 32.981, 184.521 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

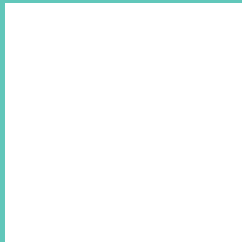
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 32.981, 184.521

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.981, 184.521.

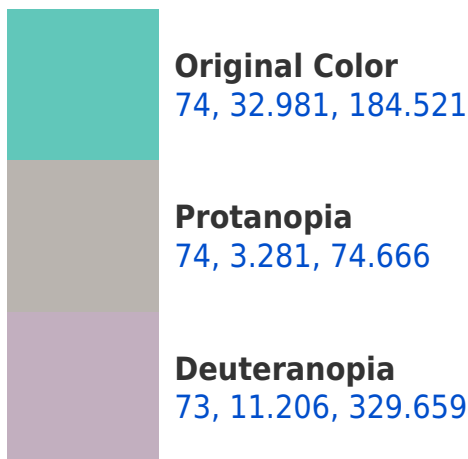


This preview shows how white text looks on a background with the CIELCh color 74, 32.981, 184.521.

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, 27.891, 215.825

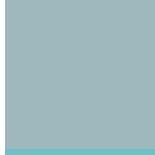
Trichromacy



Original Color
74, 32.981, 184.521



Protanomaly
73, 13.076, 178.956



Deuteranomaly
73, 9.203, 216.003



Tritanomaly
74, 28.654, 203.907

Monochromacy



Original Color
74, 32.981, 184.521



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 13.453, 188.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.981, 184.521 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(97, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(97, 199, 186)  
}
```

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(97, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 199, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.981, 184.521 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(97, 199, 186) }
```

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

```
.border{ border-color:rgb(97, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(97, 199,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.981, 184.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 199, 186) }
```

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

```
.background{ background-color: rgb(97, 199,  
186) }
```

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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