

Converting Colors

CIELCh(74, 32.932, 168.183)

Have a look what the booklet for
CIELCh(74, 32.932, 168.183)
contains.

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Color

CIELCh(74, 32.986, 168.470)

Conversions

Conversions Part 1

Format	Color
Hex	72C6A9
RGB	114, 198, 169
RGB Percent	45%, 78%, 66%
CMY	0.5538, 0.2244, 0.3381
CMYK	0.42, 0.00, 0.15, 0.22
HSL	159°, 42%, 61%
HSV	159°, 42%, 78%
XYZ	34.1942, 46.7039, 44.6420
YIQ	169.5780, -40.7550, -26.8270

Conversions

Conversions Part 2

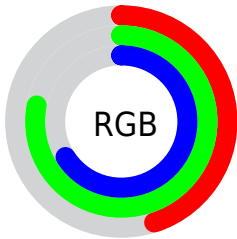
Format	Color
RYB	114, 165, 198
Decimal	7521961
CIELab	74.00, -32.32, 6.59
CIELCh	74, 32.986, 168.470
Yxy	46.7039, 0.2724, 0.3720
Android (android.graphics.Color)	4285712041 (0xFF72C6A9)
YUV	169.5780, -0.2850, -48.7419
Hunter-Lab	68.3403, -30.2826, 9.1081

Details

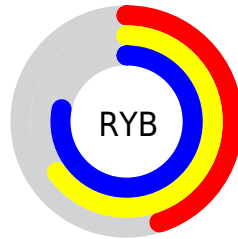
The CIELCh color **74, 32.986, 168.470** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **58, 36.659, 357.993**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.111, 168.481**, and **54, 33.139, 168.261** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.730, 167.127**, and if you desaturate by 10%, it is **75, 25.711, 169.679**.

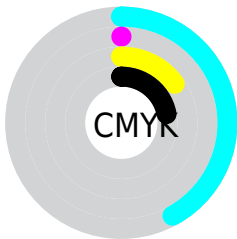
Distribution



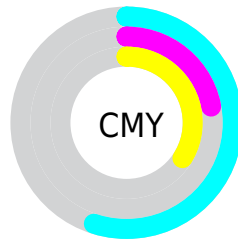
- Red (45%)
- Green (78%)
- Blue (66%)



- Red (45%)
- Yellow (65%)
- Blue (78%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)





- Cyan (55%)
- Magenta (22%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.986, 168.470 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, 32.986, 168.470 by changing the saturation by 10% instead.


 74, 32.986,
168.470


 74, 32.986,
168.470


 100, 32.986,
168.470


 64, 32.986,
168.470


 94, 32.986,
168.470

 54, 32.986,
168.470

 44, 32.986,
168.470

 34, 32.986,
168.470

 24, 32.986,
168.470

 14, 32.986,
168.470

 4, 32.986, 168.470

■ 0, 32.986, 168.470

■ 74, 32.986,
168.470

■ 74, 32.986,
168.470

■ 73, 39.730,
167.127

■ 75, 25.711,
169.679

■ 72, 45.815,
165.627

■ 76, 18.037,
170.782

■ 72, 51.141,
163.947

■ 78, 10.096,
171.805

■ 71, 55.660,
162.066

■ 79, 2.005, 172.915

■ 71, 59.391,
159.979

■ 81, 6.138, 353.475

■ 71, 61.827,
158.338

■ 83, 14.254,
354.328

■ 85, 22.282,

355.104

■ 85, 24.727,
348.690

■ 86, 26.651,
342.073

Harmonies

Complementary

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



74, 32.986, 168.470



58, 36.659, 357.993

Rectangle

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



74, 32.986, 168.470



74, 32.986, 218.470



74, 32.986, 348.470



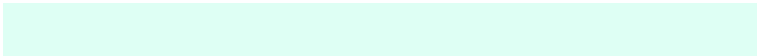
74, 32.986, 38.470

Sweetspot

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



74, 32.987, 168.469



97, 12.930, 171.732



74, 49.159, 132.099



52, 9.033, 171.507



0, 0.000, 0.000



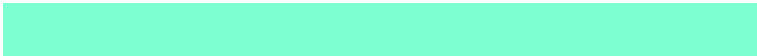
53, 0.007, 296.813

Same Dimension

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



74, 32.987, 168.469



92, 47.559, 167.225



71, 23.325, 215.075



41, 4.620, 172.113



59, 53.297, 158.681



11, 17.480, 164.562

Inverse Universe

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



58, 36.659, 357.993



69, 53.972, 359.705



60, 32.021, 35.053



39, 4.727, 353.724



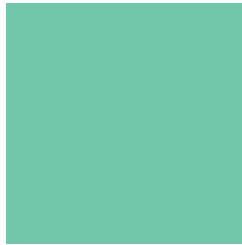
34, 61.495, 16.359



4, 16.727, 1.902

Previews

White Background



This preview shows how the CIELCh color 74, 32.986, 168.470 looks on a white background.

Color Contrast Check

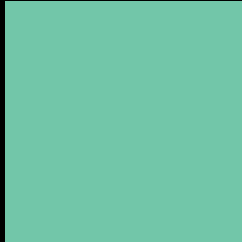
Large Text (above 18pt) WCAG AA × Fail

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, 32.986, 168.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

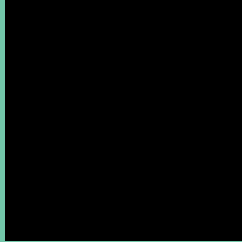
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

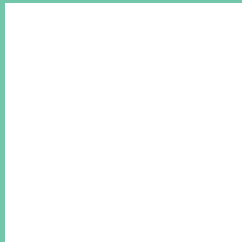
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 32.986, 168.470

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.986, 168.470.



This preview shows how white text looks on a background with the CIELCh color 74, 32.986, 168.470.

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



Original Color

74, 32.986, 168.470

Protanopia

74, 11.347, 91.016

Deuteranopia

74, 10.019, 23.277



Tritanopia
74, 22.824, 220.442

Trichromacy



Original Color
74, 32.986, 168.470



Protanomaly
73, 15.469, 144.806



Deuteranomaly
73, 7.981, 150.578

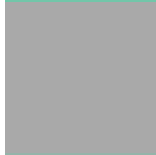


Tritanomaly
74, 24.072, 197.596

Monochromacy



Original Color
74, 32.986, 168.470



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 12.376, 172.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.986, 168.470 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(114, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(114, 198, 169)  
}
```

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(114, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 198, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.986, 168.470 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(114, 198, 169) }
```

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

```
.border{ border-color:rgb(114, 198, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(114, 198,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.986, 168.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 198, 169) }
```

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

```
.background{ background-color: rgb(114,  
198, 169) }
```

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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