

Converting Colors

CIELCh(71, 30.494, 164.550)

Have a look what the booklet for
CIELCh(71, 30.494, 164.550)
contains.

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Color

CIELCh(71, 30.494, 164.550)

Conversions

Conversions Part 1

Format	Color
Hex	74BC9E
RGB	116, 188, 158
RGB Percent	45%, 74%, 62%
CMY	0.5448, 0.2624, 0.3801
CMYK	0.38, 0.00, 0.16, 0.26
HSL	155°, 35%, 60%
HSV	155°, 38%, 74%
XYZ	31.3892, 42.1875, 38.8688
YIQ	163.0520, -33.2820, -24.5940

Conversions

Conversions Part 2

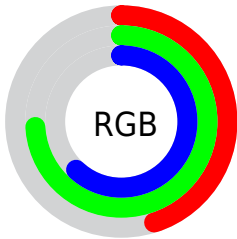
Format	Color
RYB	116, 161, 188
Decimal	7650462
CIELab	71.00, -29.39, 8.12
CIElCh	71, 30.494, 164.550
Yxy	42.1875, 0.2791, 0.3752
Android (android.graphics.Color)	4285840542 (0xFF74BC9E)
YUV	163.0520, -2.4906, -41.2646
Hunter-Lab	64.9519, -27.4026, 9.9857

Details

The CIELCh color **71, 30.494, 164.550** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57, 32.680, 352.511**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 30.505, 164.521**, and **51, 30.201, 165.018** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.747, 163.257**, and if you desaturate by 10%, it is **72, 22.826, 165.707**.

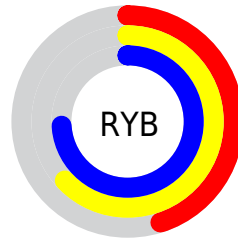
Distribution



Red (45%)

Green (74%)

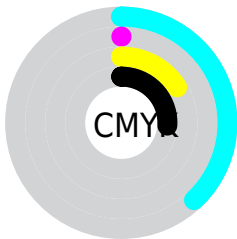
Blue (62%)



Red (45%)

Yellow (63%)

Blue (74%)

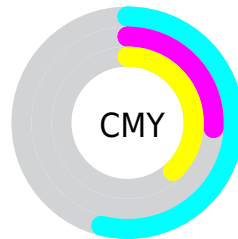


Cyan (38%)

Magenta (0%)

Yellow (16%)

Black (26%)



Cyan (54%)


Magenta (26%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.494, 164.550 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 71, 30.494, 164.550 by changing the saturation by 10% instead.


 71, 30.494,
164.550


 71, 30.494,
164.550


 100, 30.494,
164.550


 61, 30.494,
164.550


 91, 30.494,
164.550

 51, 30.494,
164.550

 41, 30.494,
164.550

 31, 30.494,
164.550

 21, 30.494,
164.550

 11, 30.494,
164.550

 1, 30.494, 164.550

■ 0, 30.494, 164.550

■ 71, 30.494,
164.550

■ 71, 30.494,
164.550

■ 70, 37.747,
163.257

■ 72, 22.826,
165.707

■ 69, 44.448,
161.807

■ 73, 14.874,
166.756

■ 69, 50.480,
160.174

■ 75, 6.761, 167.735

■ 77, 1.408, 348.243

■ 68, 55.762,
158.337

■ 78, 9.549, 349.296

■ 68, 60.270,
156.291

■ 80, 17.597,
350.061

■ 67, 64.098,
154.081

■ 82, 25.504,
350.766

■ 67, 64.732,
153.712

■ 83, 29.717,
346.715

■ 83, 32.024,
340.494

Harmonies

Complementary

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



71, 30.494, 164.550



57, 32.680, 352.511

Rectangle

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



71, 30.494, 164.550



71, 30.494, 214.550



71, 30.494, 344.550



71, 30.494, 34.550

Sweetspot

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



71, 30.495, 164.549



94, 11.117, 167.454



72, 41.656, 129.606



50, 7.464, 167.323



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 30.495, 164.549



89, 44.693, 163.465



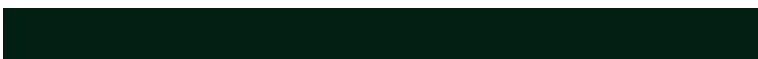
70, 22.014, 204.636



39, 4.638, 167.630



57, 56.577, 154.042



9, 15.635, 160.887

Inverse Universe

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



57, 32.680, 352.511



69, 48.531, 353.793



58, 29.046, 27.843



37, 4.720, 349.176



33, 59.141, 9.378



3, 13.386, 356.408

Previews

White Background



This preview shows how the CIELCh color 71, 30.494, 164.550 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 71, 30.494, 164.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

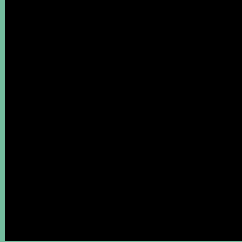
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 30.494, 164.550

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.494, 164.550.

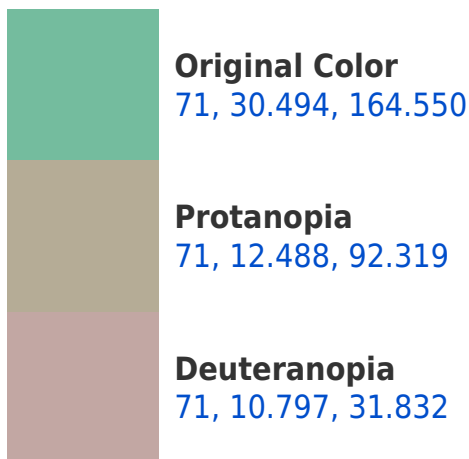


This preview shows how white text looks on a background with the CIELCh color 71, 30.494, 164.550.

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
71, 20.072, 220.630

Trichromacy



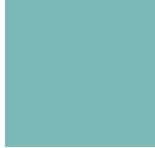
Original Color
71, 30.494, 164.550



Protanomaly
70, 15.883, 139.316



Deuteranomaly
70, 8.397, 133.585



Tritanomaly
71, 21.234, 194.769

Monochromacy



Original Color
71, 30.494, 164.550



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 11.504, 166.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.494, 164.550 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(116, 188, 158)` looks like.

```
.text, #text, p{  
    color:rgb(116, 188, 158)  
}
```

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(116, 188, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 188, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.494, 164.550 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(116, 188, 158) }
```

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

```
.border{ border-color:rgb(116, 188, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 188, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 188, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 188, 158);  
box-shadow:4px 4px 4px 4px rgb(116, 188,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.494, 164.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 188, 158) }
```

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

```
.background{ background-color: rgb(116,  
188, 158) }
```

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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