

Converting Colors

CIELCh(74, 29.816, 152.136)

Have a look what the booklet for
CIELCh(74, 29.816, 152.136)
contains.

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Color

CIELCh(74, 30.302, 151.882)

Conversions

Conversions Part 1

Format	Color
Hex	8AC39B
RGB	138, 195, 155
RGB Percent	54%, 76%, 61%
CMY	0.4595, 0.2359, 0.3928
CMYK	0.29, 0.00, 0.21, 0.24
HSL	138°, 32%, 65%
HSV	138°, 29%, 76%
XYZ	35.8336, 46.7039, 38.0648
YIQ	173.3970, -21.1320, -24.5240

Conversions

Conversions Part 2

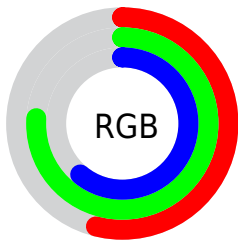
Format	Color
RYB	138, 182, 195
Decimal	9094043
CIELab	74.00, -26.73, 14.28
CIELCh	74, 30.302, 151.882
Yxy	46.7039, 0.2971, 0.3873
Android (android.graphics.Color)	4287284123 (0xFF8AC39B)
YUV	173.3970, -9.0697, -31.0432
Hunter-Lab	68.3403, -26.0006, 14.8143

Details

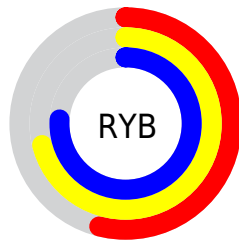
The CIELCh color **74, 30.302, 151.882** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 30.620, 336.309**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.151, 152.005**, and **54, 30.200, 152.099** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.426, 150.832**, and if you desaturate by 10%, it is **75, 19.964, 152.797**.

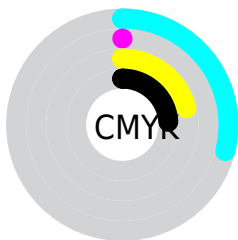
Distribution



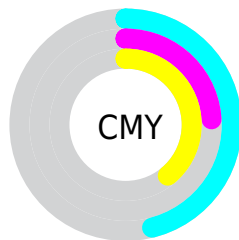
- Red (54%)
- Green (76%)
- Blue (61%)



- Red (54%)
- Yellow (71%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)




- Cyan (46%)
- Magenta (24%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.302, 151.882 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, 30.302, 151.882 by changing the saturation by 10% instead.


 74, 30.302,
151.882

 74, 30.302,
151.882


 100, 30.302,
151.882


 64, 30.302,
151.882


 94, 30.302,
151.882

 54, 30.302,
151.882

 44, 30.302,
151.882

 34, 30.302,
151.882

 24, 30.302,
151.882

 14, 30.302,
151.882

 4, 30.302, 151.882

■ 0, 30.302, 151.882

■ 74, 30.302,
151.882

■ 74, 30.302,
151.882

■ 73, 40.426,
150.832

■ 75, 19.964,
152.797

■ 72, 50.150,
149.624

■ 77, 9.563, 153.607

■ 71, 59.278,
148.241

■ 79, 0.775, 333.838

■ 81, 10.954,
334.847

■ 70, 67.616,
146.674

■ 83, 20.909,
335.403

■ 70, 74.995,
144.931

■ 85, 30.595,
335.893

■ 69, 81.292,
143.048

■ 86, 35.889,

■ 69, 86.505,
141.145

327.855

■ 69, 86.865,
141.016

■ 86, 37.735,
325.735

Harmonies

Complementary

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



74, 30.302, 151.882



64, 30.620, 336.309

Rectangle

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



74, 30.302, 151.882



74, 30.302, 201.882



74, 30.302, 331.882



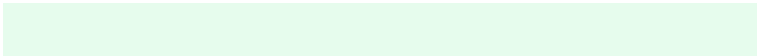
74, 30.302, 21.882

Sweetspot

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



74, 30.303, 151.882



97, 11.477, 153.616



76, 30.864, 119.441



52, 8.047, 153.500



0, 0.000, 0.000



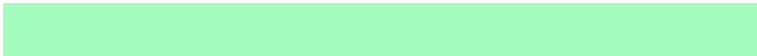
53, 0.007, 296.813

Same Dimension

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



74, 30.303, 151.882



92, 44.608, 151.238



75, 21.074, 179.250



40, 5.833, 153.598



58, 74.769, 141.318



10, 20.945, 150.110

Inverse Universe

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



64, 30.620, 336.309



78, 45.106, 336.818



63, 23.634, 5.213



38, 5.863, 334.817



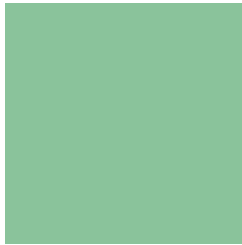
35, 65.545, 344.530



4, 18.287, 340.127

Previews

White Background



This preview shows how the CIELCh color 74, 30.302, 151.882 looks on a white background.

Color Contrast Check

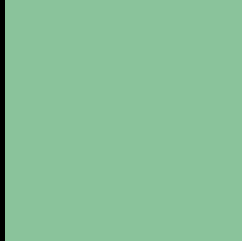
Large Text (above 18pt) WCAG AA × Fail

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, 30.302, 151.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

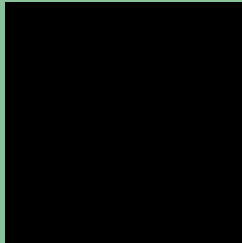
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.302, 151.882

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.302, 151.882.



This preview shows how white text looks on a background with the CIELCh color 74, 30.302, 151.882.

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](#).

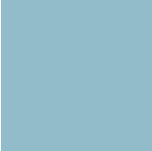
Dichromacy



Original Color
74, 30.302, 151.882

Protanopia
74, 18.306, 94.482

Deuteranopia
74, 15.476, 53.909



Tritanopia
74, 15.729, 229.803

Trichromacy



Original Color
74, 30.302, 151.882

Protanomaly
74, 20.124, 124.126

Deuteranomaly
73, 13.470, 108.865

Tritanomaly
74, 16.377, 188.568

Monochromacy



Original Color
74, 30.302, 151.882

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 11.411, 152.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.302, 151.882 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(138, 195, 155)` looks like.

```
.text, #text, p{  
    color:rgb(138, 195, 155)  
}
```

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(138, 195, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 195, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.302, 151.882 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(138, 195, 155) }
```

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

```
.border{ border-color:rgb(138, 195, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 195, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 195, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 195, 155);  
box-shadow:4px 4px 4px 4px rgb(138, 195,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.302, 151.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 195, 155) }
```

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

```
.background{ background-color: rgb(138,  
195, 155) }
```

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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