

Converting Colors

CIELCh(74, 29.692, 142.935)

Have a look what the booklet for
CIELCh(74, 29.692, 142.935)
contains.

CIELCh(74, 29.728, 142.917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 29.728, 142.917)

Conversions

Conversions Part 1

Format	Color
Hex	94C194
RGB	148, 193, 148
RGB Percent	58%, 76%, 58%
CMY	0.4187, 0.2422, 0.4187
CMYK	0.23, 0.00, 0.23, 0.24
HSL	120°, 27%, 67%
HSV	120°, 23%, 76%
XYZ	36.7369, 46.7039, 35.1869
YIQ	174.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

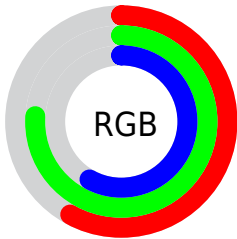
Format	Color
RYB	148, 193, 193
Decimal	9748884
CIELab	74.00, -23.72, 17.93
CIELCh	74, 29.728, 142.917
Yxy	46.7039, 0.3097, 0.3937
Android (android.graphics.Color)	4287938964 (0xFF94C194)
YUV	174.4150, -13.0226, -23.1660
Hunter-Lab	68.3403, -23.6413, 17.3111

Details

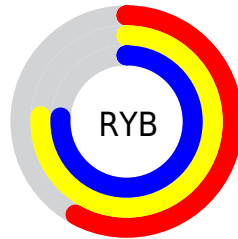
The CIELCh color **74, 29.728, 142.917** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 29.744, 325.697**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.983, 142.692**, and **54, 29.678, 142.960** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.390, 142.066**, and if you desaturate by 10%, it is **76, 16.919, 143.653**.

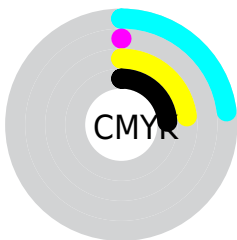
Distribution



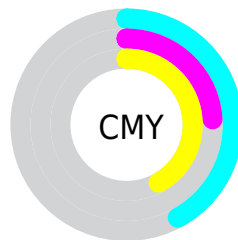
- Red (58%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)





- Cyan (42%)
- Magenta (24%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 29.728, 142.917 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, 29.728, 142.917 by changing the saturation by 10% instead.


 74, 29.728,
142.917


 74, 29.728,
142.917


 100, 29.728,
142.917


 64, 29.728,
142.917


 94, 29.728,
142.917

 54, 29.728,
142.917

 44, 29.728,
142.917

 34, 29.728,
142.917

 24, 29.728,
142.917

 14, 29.728,
142.917

 4, 29.728, 142.917

0, 29.728, 142.917

74, 29.728,
142.917

74, 29.728,
142.917

73, 42.390,
142.066

76, 16.919,
143.653

71, 54.637,
141.096

78, 4.159, 144.318

70, 66.132,
140.021

80, 8.409, 324.752

82, 20.687,
325.214

69, 76.460,
138.890

84, 32.615,
325.593

69, 85.137,
137.796

85, 38.735,
325.769

69, 91.653,
136.876

■ 68, 95.636,
136.268

■ 68, 97.220,
136.016

Harmonies

Complementary

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



74, 29.728, 142.917



67, 29.744, 325.697

Rectangle

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



74, 29.728, 142.917



74, 29.728, 192.917



74, 29.728, 322.917



74, 29.728, 12.917

Sweetspot

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



74, 29.730, 142.917



97, 11.023, 144.061



77, 23.521, 107.239



52, 7.224, 144.021



0, 0.000, 0.000



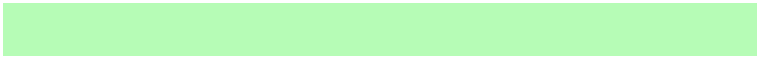
53, 0.007, 296.813

Same Dimension

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



74, 29.730, 142.917



93, 44.374, 142.494



74, 20.823, 160.728



40, 7.215, 143.914



57, 84.787, 136.016



10, 24.260, 144.095

Inverse Universe

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



67, 29.744, 325.697



82, 44.375, 325.972



66, 21.384, 344.787



38, 7.226, 324.929



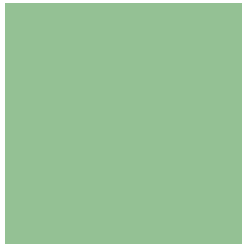
38, 81.806, 328.231



4, 24.213, 326.357

Previews

White Background



This preview shows how the CIELCh color 74, 29.728, 142.917 looks on a white background.

Color Contrast Check

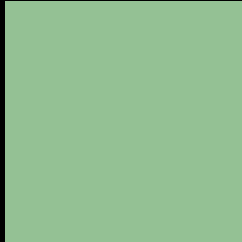
Large Text (above 18pt) WCAG AA × Fail

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, 29.728, 142.917 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, 29.728, 142.917

Background



This preview shows how black text looks on a background with the CIELCh color 74, 29.728, 142.917.

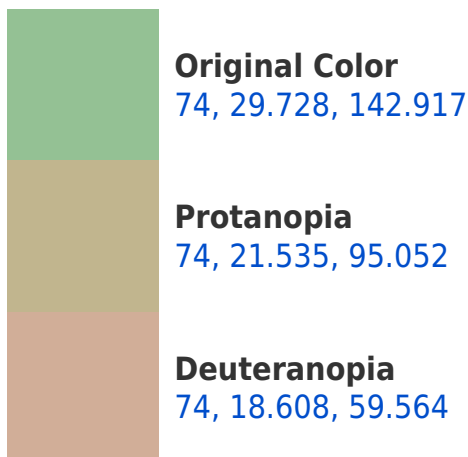


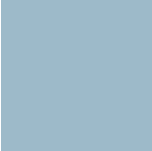
This preview shows how white text looks on a background with the CIELCh color 74, 29.728, 142.917.

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, 12.648, 238.983

Trichromacy



Original Color
74, 29.728, 142.917

Protanomaly
74, 22.220, 116.292

Deuteranomaly
73, 16.330, 100.196

Tritanomaly
74, 13.173, 181.619

Monochromacy



Original Color
74, 29.728, 142.917

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 11.295, 143.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 29.728, 142.917 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(148, 193, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 193, 148)  
}
```

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(148, 193, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 193, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 29.728, 142.917 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(148, 193, 148) }
```

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

```
.border{ border-color:rgb(148, 193, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 193, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 193, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 193, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 193,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 29.728, 142.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 193, 148) }
```

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

```
.background{ background-color: rgb(148,  
193, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor