

Converting Colors

CIELCh(74, 28.084, 149.952)

Have a look what the booklet for
CIELCh(74, 28.084, 149.952)
contains.

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Color

CIELCh(74, 28.477, 149.827)

Conversions

Conversions Part 1

Format	Color
Hex	8FC29B
RGB	143, 194, 155
RGB Percent	56%, 76%, 61%
CMY	0.4398, 0.2398, 0.3927
CMYK	0.26, 0.00, 0.20, 0.24
HSL	134°, 29%, 66%
HSV	134°, 26%, 76%
XYZ	36.4644, 46.7039, 38.0390
YIQ	174.3050, -17.8770, -22.9410

Conversions

Conversions Part 2

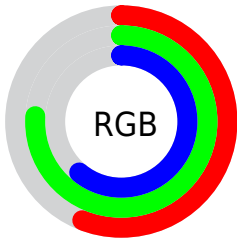
Format	Color
RYB	143, 184, 194
Decimal	9421467
CIELab	74.00, -24.62, 14.31
CIELCh	74, 28.477, 149.827
Yxy	46.7039, 0.3008, 0.3853
Android (android.graphics.Color)	4287611547 (0xFF8FC29B)
YUV	174.3050, -9.5174, -27.4545
Hunter-Lab	68.3403, -24.3531, 14.8367

Details

The CIELCh color $74, 28.477, 149.827$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $65, 28.649, 333.524$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 28.382, 149.937$, and $54, 28.334, 150.153$ is the 20% darker color. If you saturate the color by 10%, you get $73, 39.157, 148.850$, and if you desaturate by 10%, it is $76, 17.635, 150.675$.

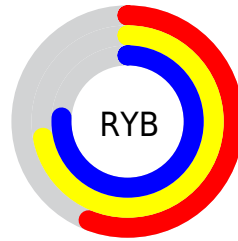
Distribution



Red (56%)

Green (76%)

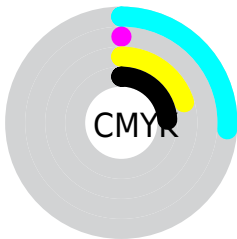
Blue (61%)



Red (56%)

Yellow (72%)

Blue (76%)

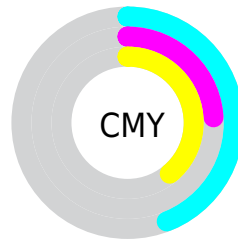


Cyan (26%)

Magenta (0%)

Yellow (20%)

Black (24%)



Cyan (44%)

Magenta (24%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.477, 149.827 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, 28.477, 149.827 by changing the saturation by 10% instead.

 74, 28.477,
149.827

 74, 28.477,
149.827

 100, 28.477,
149.827

 64, 28.477,
149.827


 94, 28.477,
149.827

 54, 28.477,
149.827

 44, 28.477,
149.827

 34, 28.477,
149.827

 24, 28.477,
149.827

 14, 28.477,
149.827

 4, 28.477, 149.827

■ 0, 28.477, 149.827

■ 74, 28.477,
149.827

■ 74, 28.477,
149.827

■ 73, 39.157,
148.850

■ 76, 17.635,
150.675

■ 72, 49.483,
147.724

■ 77, 6.784, 151.431

■ 71, 59.241,
146.433

■ 79, 3.954, 331.938

■ 81, 14.491,
332.548

■ 70, 68.205,
144.973

■ 83, 24.766,
333.043

■ 69, 76.159,
143.357

■ 85, 33.829,
331.459

■ 69, 82.914,
141.631

■ 86, 38.350,

■ 69, 88.338,
139.884

325.756

■ 69, 90.055,
139.308

Harmonies

Complementary

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



74, 28.477, 149.827



65, 28.649, 333.524

Rectangle

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



74, 28.477, 149.827



74, 28.477, 199.827



74, 28.477, 329.827



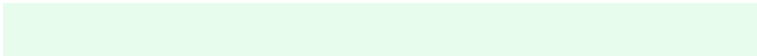
74, 28.477, 19.827

Sweetspot

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



74, 28.479, 149.827



97, 10.678, 151.296



76, 27.476, 117.582



52, 7.658, 151.182



0, 0.000, 0.000



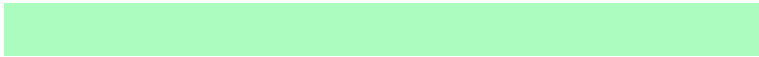
53, 0.007, 296.813

Same Dimension

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



74, 28.479, 149.827



93, 42.854, 149.238



75, 19.595, 175.801



40, 6.110, 151.204



58, 77.873, 139.569



10, 21.624, 148.688

Inverse Universe

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



65, 28.649, 333.524



80, 43.118, 333.967



65, 21.365, 1.131



38, 6.133, 332.360



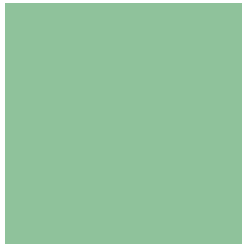
36, 68.392, 340.225



4, 19.367, 336.464

Previews

White Background



This preview shows how the CIELCh color 74, 28.477, 149.827 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, 28.477, 149.827 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, 28.477, 149.827

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.477, 149.827.

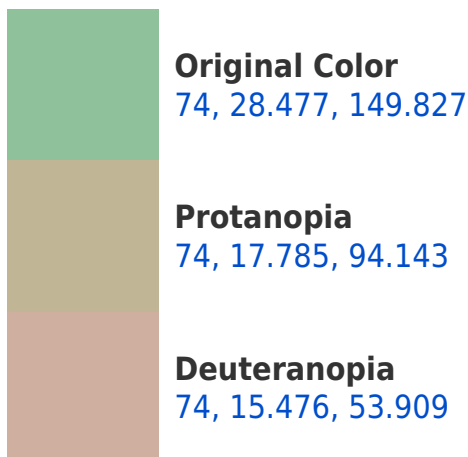


This preview shows how white text looks on a background with the CIELCh color 74, 28.477, 149.827.

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, 14.166, 233.851

Trichromacy



Original Color
74, 28.477, 149.827

Protanomaly
74, 19.394, 122.398

Deuteranomaly
74, 13.486, 105.533

Tritanomaly
74, 14.323, 189.558

Monochromacy



Original Color
74, 28.477, 149.827

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.239, 150.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.477, 149.827 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(143, 194, 155)` looks like.

```
.text, #text, p{  
    color:rgb(143, 194, 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(143, 194, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 194, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.477, 149.827 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(143, 194, 155) }
```

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

```
.border{ border-color:rgb(143, 194, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 194, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 194, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 194, 155);  
box-shadow:4px 4px 4px 4px rgb(143, 194,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.477, 149.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 194, 155) }
```

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

```
.background{ background-color: rgb(143,  
194, 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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