

Converting Colors

CIELCh(76, 29.074, 142.779)

Have a look what the booklet for
CIELCh(76, 29.074, 142.779)
contains.

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Color

CIELCh(76, 29.344, 142.424)

Conversions

Conversions Part 1

Format	Color
Hex	9BC79A
RGB	155, 199, 154
RGB Percent	61%, 78%, 60%
CMY	0.3938, 0.2213, 0.3977
CMYK	0.22, 0.00, 0.23, 0.22
HSL	119°, 28%, 69%
HSV	119°, 23%, 78%
XYZ	39.5536, 49.8872, 37.9312
YIQ	180.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

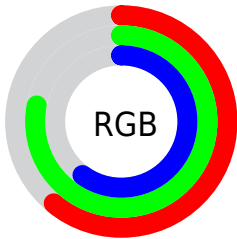
Format	Color
RYB	154, 199, 198
Decimal	10209178
CIELab	76.00, -23.26, 17.89
CIELCh	76, 29.344, 142.424
Yxy	49.8872, 0.3105, 0.3917
Android (android.graphics.Color)	4288399258 (0xFF9BC79A)
YUV	180.7140, -13.1700, -22.5512
Hunter-Lab	70.6309, -23.6434, 17.6009

Details

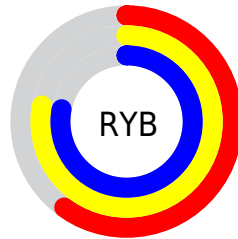
The CIELCh color **76, 29.344, 142.424** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 29.388, 325.044**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 28.609, 142.753**, and **56, 29.235, 142.505** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.222, 141.610**, and if you desaturate by 10%, it is **78, 16.340, 143.131**.

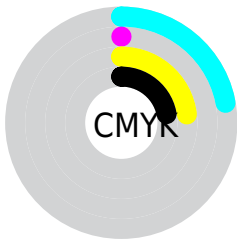
Distribution



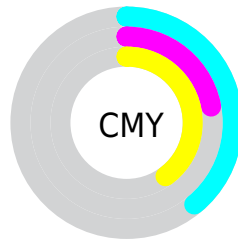
- Red (61%)
- Green (78%)
- Blue (60%)



- Red (60%)
- Yellow (78%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)




- Cyan (39%)
- Magenta (22%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 29.344, 142.424 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 76, 29.344, 142.424 by changing the saturation by 10% instead.

 76, 29.344,
142.424

 76, 29.344,
142.424

 100, 29.344,
142.424

 66, 29.344,
142.424


 96, 29.344,
142.424

 56, 29.344,
142.424

 46, 29.344,
142.424

 36, 29.344,
142.424

 26, 29.344,
142.424

 16, 29.344,
142.424

 6, 29.344, 142.424

■ 0, 29.344, 142.424

■ 76, 29.344,
142.424

■ 76, 29.344,
142.424

■ 75, 42.222,
141.610

■ 78, 16.340,
143.131

■ 73, 54.711,
140.684

■ 80, 3.398, 143.785

■ 72, 66.482,
139.662

■ 82, 9.345, 324.190

■ 71, 77.123,
138.593

■ 84, 21.794,
324.633

■ 71, 86.141,
137.568

■ 86, 33.893,
324.998

■ 70, 93.009,
136.718

■ 87, 35.400,
325.655

■ 70, 97.317,
136.179

■ 70, 99.099,
135.932

Harmonies

Complementary

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



76, 29.344, 142.424



69, 29.388, 325.044

Rectangle

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



76, 29.344, 142.424



76, 29.344, 192.424



76, 29.344, 322.424



76, 29.344, 12.424

Sweetspot

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



76, 29.346, 142.424



98, 11.033, 143.486



79, 23.019, 106.574



52, 7.172, 143.447



0, 0.000, 0.000



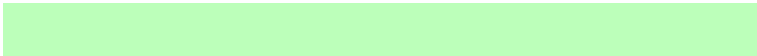
53, 0.007, 296.813

Same Dimension

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



76, 29.346, 142.424



94, 42.842, 142.052



76, 20.975, 159.945



41, 7.318, 143.342



58, 85.650, 135.910



11, 26.433, 143.175

Inverse Universe

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



69, 29.388, 325.044



84, 42.895, 325.292



68, 21.481, 343.826



39, 7.332, 324.331



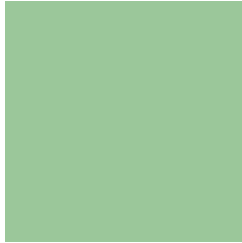
38, 82.840, 327.369



4, 26.493, 326.146

Previews

White Background



This preview shows how the CIELCh color 76, 29.344, 142.424 looks on a white background.

Color Contrast Check

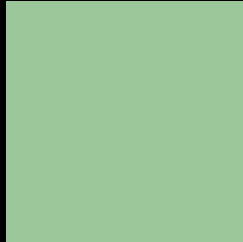
Large Text (above 18pt) WCAG AA × Fail

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 76, 29.344, 142.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

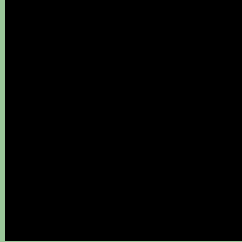
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 29.344, 142.424

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.344, 142.424.

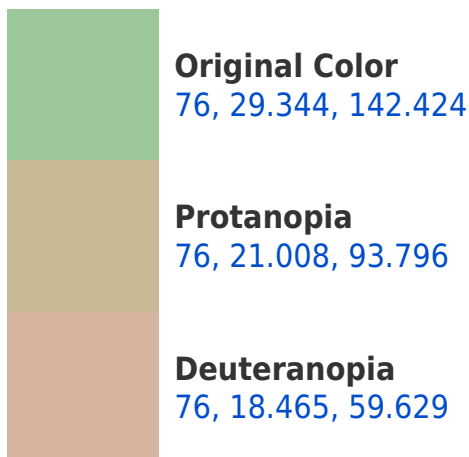


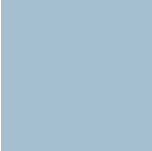
This preview shows how white text looks on a background with the CIELCh color 76, 29.344, 142.424.

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
76, 12.446, 242.934

Trichromacy



Original Color
76, 29.344, 142.424

Protanomaly
76, 22.094, 116.337

Deuteranomaly
76, 16.761, 100.459

Tritanomaly
76, 12.281, 183.186

Monochromacy



Original Color
76, 29.344, 142.424

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 11.022, 142.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.344, 142.424 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(155, 199, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 199, 154)  
}
```

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(155, 199, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 199, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.344, 142.424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

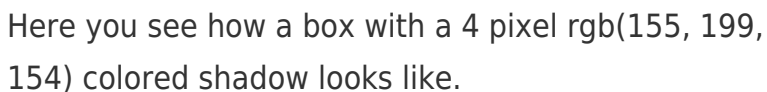
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 199, 154) }
```

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

```
.border{ border-color:rgb(155, 199, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 199, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 199, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 199, 154); box-shadow:4px 4px 4px 4px rgb(155, 199, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.344, 142.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 199, 154) }
```

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

```
.background{ background-color: rgb(155,  
199, 154) }
```

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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