

Converting Colors

CIELCh(76, 28.925, 143.003)

Have a look what the booklet for
CIELCh(76, 28.925, 143.003)
contains.

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Color

CIELCh(76, 29.558, 142.969)

Conversions

Conversions Part 1

Format	Color
Hex	9AC79A
RGB	154, 199, 154
RGB Percent	60%, 78%, 60%
CMY	0.3971, 0.2207, 0.3971
CMYK	0.23, 0.00, 0.23, 0.22
HSL	120°, 29%, 69%
HSV	120°, 23%, 78%
XYZ	39.4456, 49.8872, 38.0065
YIQ	180.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

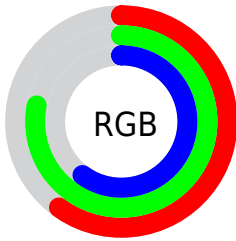
Format	Color
RYB	154, 199, 199
Decimal	10143642
CIELab	76.00, -23.60, 17.80
CIELCh	76, 29.558, 142.969
Yxy	49.8872, 0.3098, 0.3918
Android (android.graphics.Color)	4288333722 (0xFF9AC79A)
YUV	180.4150, -13.0226, -23.1660
Hunter-Lab	70.6309, -23.9162, 17.5376

Details

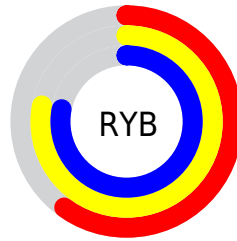
The CIELCh color $76, 29.558, 142.969$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $69, 29.575, 325.668$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 28.814, 143.296$, and $56, 29.460, 143.059$ is the 20% darker color. If you saturate the color by 10%, you get $75, 42.528, 142.124$, and if you desaturate by 10%, it is $78, 16.453, 143.699$.

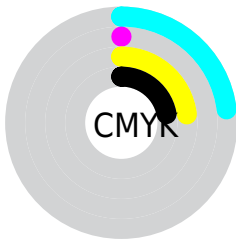
Distribution



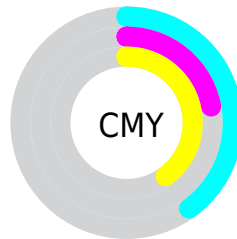
- Red (60%)
- Green (78%)
- Blue (60%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 29.558, 142.969 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, 29.558, 142.969 by changing the saturation by 10% instead.


 76, 29.558,
142.969


 76, 29.558,
142.969

 100, 29.558,
142.969


 66, 29.558,
142.969


 96, 29.558,
142.969

 56, 29.558,
142.969

 46, 29.558,
142.969

 36, 29.558,
142.969

 26, 29.558,
142.969

 16, 29.558,
142.969

 6, 29.558, 142.969

0, 29.558, 142.969

76, 29.558,
142.969

76, 29.558,
142.969

75, 42.528,
142.124

78, 16.453,
143.699

73, 55.089,
141.158

80, 3.408, 144.374

72, 66.902,
140.086

82, 9.432, 324.791

84, 21.970,
325.246

71, 77.546,
138.954

86, 34.146,
325.622

71, 86.524,
137.853

87, 35.295,
325.651

70, 93.316,
136.918

■ 70, 97.522,
136.290

■ 70, 99.274,
136.017

Harmonies

Complementary

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



76, 29.558, 142.969



69, 29.575, 325.668

Rectangle

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



76, 29.558, 142.969



76, 29.558, 192.969



76, 29.558, 322.969



76, 29.558, 12.969

Sweetspot

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



76, 29.560, 142.969



98, 11.112, 144.065



79, 23.771, 107.998



52, 7.224, 144.025



0, 0.000, 0.000



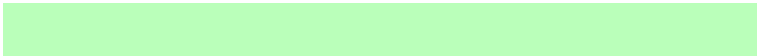
53, 0.007, 296.813

Same Dimension

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



76, 29.560, 142.969



94, 43.146, 142.582



77, 20.450, 161.653



41, 7.371, 143.916



58, 85.774, 136.017



11, 26.595, 143.593

Inverse Universe

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



69, 29.575, 325.668



84, 43.151, 325.923



68, 21.033, 345.650



39, 7.382, 324.935



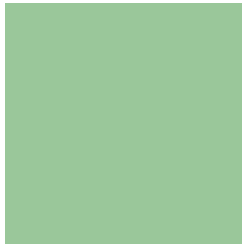
39, 82.753, 328.237



4, 26.739, 327.029

Previews

White Background



This preview shows how the CIELCh color 76, 29.558, 142.969 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, 29.558, 142.969 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, 29.558, 142.969

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.558, 142.969.

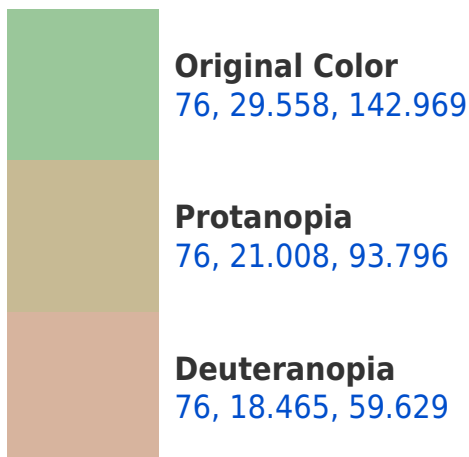


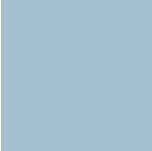
This preview shows how white text looks on a background with the CIELCh color 76, 29.558, 142.969.

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, 12.595, 238.906

Trichromacy



Original Color
76, 29.558, 142.969

Protanomaly
76, 22.094, 116.337

Deuteranomaly
76, 16.761, 100.459

Tritanomaly
76, 12.609, 183.562

Monochromacy



Original Color
76, 29.558, 142.969

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 11.236, 143.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.558, 142.969 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(154, 199, 154)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 199, 154) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 76, 29.558, 142.969 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(154, 199, 154) }
```

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

```
.border{ border-color:rgb(154, 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(154, 199, 154)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 76, 29.558, 142.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(154,  
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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