

Converting Colors

CIELCh(76, 28.061, 129.091)

Have a look what the booklet for
CIELCh(76, 28.061, 129.091)
contains.

CIELCh(76, 28.152, 129.712)	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(76, 28.152, 129.712)

Conversions

Conversions Part 1

Format	Color
Hex	A9C493
RGB	169, 196, 147
RGB Percent	66%, 77%, 58%
CMY	0.3381, 0.2322, 0.4244
CMYK	0.14, 0.00, 0.25, 0.23
HSL	93°, 29%, 67%
HSV	93°, 25%, 77%
XYZ	41.2523, 49.8872, 34.9697
YIQ	182.3410, -0.3630, -20.9630

Conversions

Conversions Part 2

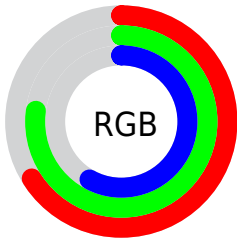
Format	Color
RYB	147, 196, 174
Decimal	11125907
CIELab	76.00, -17.99, 21.66
CIELCh	76, 28.152, 129.712
Yxy	49.8872, 0.3271, 0.3956
Android (android.graphics.Color)	4289315987 (0xFFA9C493)
YUV	182.3410, -17.4231, -11.7001
Hunter-Lab	70.6309, -19.3503, 20.0868

Details

The CIELCh color **76, 28.152, 129.712** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 29.018, 311.959**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 28.393, 129.476**, and **56, 28.107, 129.877** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.276, 129.228**, and if you desaturate by 10%, it is **77, 16.903, 130.188**.

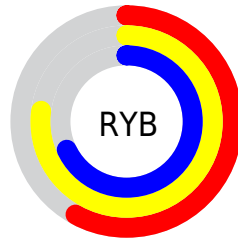
Distribution



Red (66%)

Green (77%)

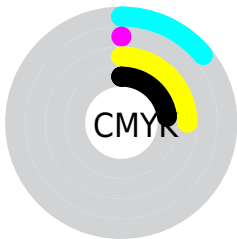
Blue (58%)



Red (58%)

Yellow (77%)

Blue (68%)

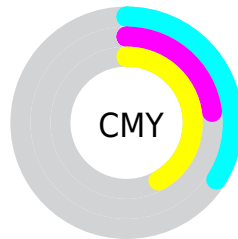


Cyan (14%)

Magenta (0%)

Yellow (25%)

Black (23%)



Cyan (34%)


Magenta (23%)


Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 28.152, 129.712 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, 28.152, 129.712 by changing the saturation by 10% instead.

 76, 28.152,
129.712

 76, 28.152,
129.712


 100, 28.152,
129.712


 66, 28.152,
129.712


 96, 28.152,
129.712


 56, 28.152,
129.712

 46, 28.152,
129.712

 36, 28.152,
129.712

 26, 28.152,
129.712

 16, 28.152,
129.712

 6, 28.152, 129.712

0, 28.152, 129.712

76, 28.152,
129.712

76, 28.152,
129.712

75, 39.276,
129.228

77, 16.903,
130.188

74, 50.115,
128.759

78, 5.634, 130.647

73, 60.448,
128.352

80, 5.576, 311.008

81, 16.674,
311.394

72, 69.959,
128.082

83, 27.620,
311.729

72, 78.225,
128.054

84, 33.902,
314.716

71, 84.767,
128.397

85, 35.375,

■ 71, 89.225,
129.212

320.439

■ 70, 90.924,
129.697

■ 86, 37.144,
325.715

Harmonies

Complementary

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



76, 28.152, 129.712



65, 29.018, 311.959

Rectangle

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



76, 28.152, 129.712



76, 28.152, 179.712



76, 28.152, 309.712



76, 28.152, 359.712

Sweetspot

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



76, 28.154, 129.714



99, 11.136, 130.504



72, 17.167, 77.424



52, 7.918, 130.435



0, 0.000, 0.000



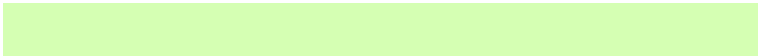
53, 0.007, 296.813

Same Dimension

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



76, 28.154, 129.714



96, 41.774, 129.449



75, 31.197, 144.120



40, 6.317, 130.448



59, 78.335, 129.464



11, 21.480, 134.137

Inverse Universe

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



65, 29.018, 311.959



79, 43.361, 312.228



67, 31.219, 327.198



38, 6.394, 311.221



26, 87.276, 313.241



2, 20.408, 307.206

Previews

White Background



This preview shows how the CIELCh color 76, 28.152, 129.712 looks on a white background.

Color Contrast Check

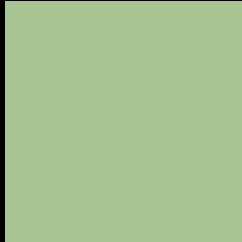
Large Text (above 18pt) WCAG AA × Fail

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, 28.152, 129.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

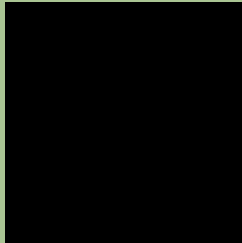
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 28.152, 129.712

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.152, 129.712.



This preview shows how white text looks on a background with the CIELCh color 76, 28.152, 129.712.

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
76, 28.152, 129.712

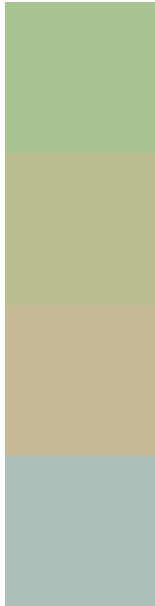
Protanopia
76, 24.092, 95.272

Deuteranopia
76, 22.522, 65.275



Tritanopia
76, 8.881, 265.053

Trichromacy



Original Color
76, 28.152, 129.712

Protanomaly
76, 24.494, 108.793

Deuteranomaly
76, 20.601, 92.411

Tritanomaly
76, 7.638, 164.565

Monochromacy



Original Color
76, 28.152, 129.712

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 10.432, 130.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.152, 129.712 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(169, 196, 147)` looks like.

```
.text, #text, p{  
    color:rgb(169, 196, 147)  
}
```

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(169, 196, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 196, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.152, 129.712 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(169, 196, 147) }
```

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

```
.border{ border-color:rgb(169, 196, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 196, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 196, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 196, 147);  
box-shadow:4px 4px 4px 4px rgb(169, 196,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.152, 129.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 196, 147) }
```

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

```
.background{ background-color: rgb(169,  
196, 147) }
```

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