

Converting Colors

CIELCh(76, 28.378, 143.042)

Have a look what the booklet for
CIELCh(76, 28.378, 143.042)
contains.

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Color

CIELCh(76, 28.268, 143.039)

Conversions

Conversions Part 1

Format	Color
Hex	9BC69B
RGB	155, 198, 155
RGB Percent	61%, 78%, 61%
CMY	0.3911, 0.2224, 0.3911
CMYK	0.22, 0.00, 0.22, 0.22
HSL	120°, 27%, 69%
HSV	120°, 22%, 78%
XYZ	39.7666, 49.8872, 38.6616
YIQ	180.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

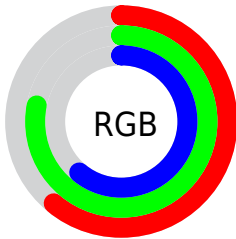
Format	Color
RYB	155, 198, 198
Decimal	10208923
CIELab	76.00, -22.59, 17.00
CIELCh	76, 28.268, 143.039
Yxy	49.8872, 0.3099, 0.3888
Android (android.graphics.Color)	4288399003 (0xFF9BC69B)
YUV	180.2410, -12.4438, -22.1364
Hunter-Lab	70.6309, -23.1049, 16.9877

Details

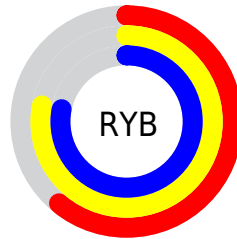
The CIELCh color **76, 28.268, 143.039** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 28.286, 325.612**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 28.185, 143.325**, and **56, 28.111, 143.190** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.239, 142.206**, and if you desaturate by 10%, it is **78, 15.184, 143.759**.

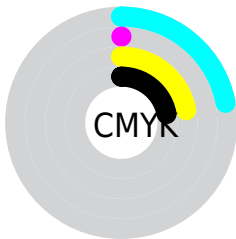
Distribution



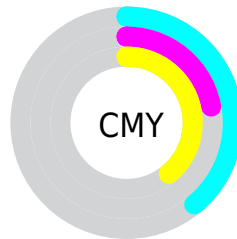
- Red (61%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (78%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 28.268, 143.039 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, 28.268, 143.039 by changing the saturation by 10% instead.


 76, 28.268,
143.039


 76, 28.268,
143.039


 100, 28.268,
143.039


 66, 28.268,
143.039


 96, 28.268,
143.039

 56, 28.268,
143.039

 46, 28.268,
143.039

 36, 28.268,
143.039

 26, 28.268,
143.039

 16, 28.268,
143.039

 6, 28.268, 143.039

0, 28.268, 143.039

76, 28.268,
143.039

76, 28.268,
143.039

74, 41.239,
142.206

78, 15.184,
143.759

73, 53.830,
141.251

80, 2.176, 144.465

72, 65.711,
140.188

82, 10.616,
324.835

71, 76.467,
139.059

84, 23.100,
325.280

71, 85.612,
137.951

86, 35.218,
325.649

70, 92.620,
136.994

87, 35.573,
325.661

■ 70, 97.074,
136.333

■ 70, 99.110,
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.



76, 28.268, 143.039



69, 28.286, 325.612

Rectangle

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



76, 28.268, 143.039



76, 28.268, 193.039



76, 28.268, 323.039



76, 28.268, 13.039

Sweetspot

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



76, 28.270, 143.039



98, 11.113, 144.060



79, 22.384, 107.392



52, 7.224, 144.021



0, 0.000, 0.000



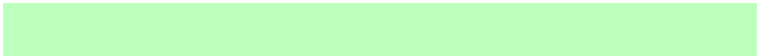
53, 0.007, 296.813

Same Dimension

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



76, 28.270, 143.039



94, 41.557, 142.663



76, 19.816, 160.884



41, 7.371, 143.912



58, 85.776, 136.016



11, 26.596, 143.590

Inverse Universe

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



69, 28.286, 325.612



84, 41.566, 325.864



69, 20.315, 344.633



39, 7.382, 324.931



39, 82.760, 328.230



4, 26.741, 327.024

Previews

White Background



This preview shows how the CIELCh color 76, 28.268, 143.039 looks on a white background.

Color Contrast Check

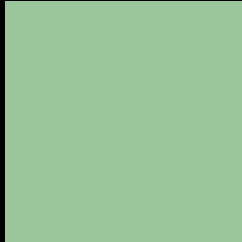
Large Text (above 18pt) WCAG AA × Fail

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, 28.268, 143.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

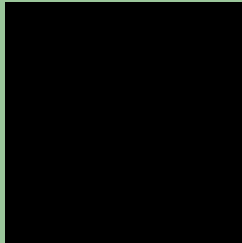
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 28.268, 143.039

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.268, 143.039.



This preview shows how white text looks on a background with the CIELCh color 76, 28.268, 143.039.

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](#).

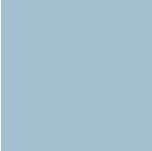
Dichromacy



Original Color
76, 28.268, 143.039

Protanopia
76, 19.870, 94.312

Deuteranopia
76, 18.098, 58.431



Tritanopia
76, 12.446, 242.934

Trichromacy



Original Color
76, 28.268, 143.039

Protanomaly
75, 20.546, 117.068

Deuteranomaly
76, 15.704, 100.041

Tritanomaly
76, 12.281, 183.186

Monochromacy



Original Color
76, 28.268, 143.039

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.906, 144.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.268, 143.039 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, 198, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 198, 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(155, 198, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 198, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.268, 143.039 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, 198, 155) }
```

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

```
.border{ border-color:rgb(155, 198, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 198, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 198, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 198, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 198,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.268, 143.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 198, 155) }
```

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

```
.background{ background-color: rgb(155,  
198, 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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