

Converting Colors

CIELCh(76, 22.617, 131.617)

Have a look what the booklet for
CIELCh(76, 22.617, 131.617)
contains.

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Color

CIELCh(76, 22.826, 132.122)

Conversions

Conversions Part 1

Format	Color
Hex	ABC39C
RGB	171, 195, 156
RGB Percent	67%, 76%, 61%
CMY	0.3307, 0.2366, 0.3895
CMYK	0.12, 0.00, 0.20, 0.24
HSL	97°, 24%, 69%
HSV	97°, 20%, 76%
XYZ	42.1338, 49.8872, 38.7159
YIQ	183.3780, -1.7850, -17.2170

Conversions

Conversions Part 2

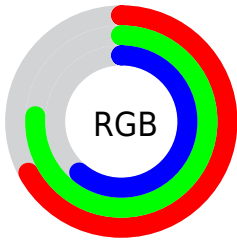
Format	Color
RYB	156, 195, 180
Decimal	11256732
CIELab	76.00, -15.31, 16.93
CIELCh	76, 22.826, 132.122
Yxy	49.8872, 0.3223, 0.3816
Android (android.graphics.Color)	4289446812 (0xFFABC39C)
YUV	183.3780, -13.4974, -10.8555
Hunter-Lab	70.6309, -17.1225, 16.9421

Details

The CIELCh color **76, 22.826, 132.122** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 23.290, 313.846**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.823, 132.101**, and **56, 22.517, 132.651** is the 20% darker color. If you saturate the color by 10%, you get **75, 34.193, 131.632**, and if you desaturate by 10%, it is **77, 11.406, 132.589**.

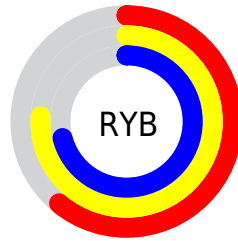
Distribution



Red (67%)

Green (76%)

Blue (61%)



Red (61%)

Yellow (76%)

Blue (71%)

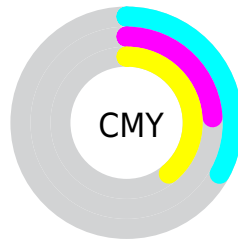


Cyan (12%)

Magenta (0%)

Yellow (20%)

Black (24%)



Cyan (33%)


Magenta (24%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 22.826, 132.122 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, 22.826, 132.122 by changing the saturation by 10% instead.


 76, 22.826,
132.122


 76, 22.826,
132.122


 100, 22.826,
132.122


 66, 22.826,
132.122


 96, 22.826,
132.122

 56, 22.826,
132.122

 46, 22.826,
132.122

 36, 22.826,
132.122

 26, 22.826,
132.122

 16, 22.826,
132.122

 6, 22.826, 132.122

0, 22.826, 132.122

76, 22.826,
132.122

76, 22.826,
132.122

75, 34.193,
131.632

77, 11.406,
132.589

74, 45.363,
131.130

79, 0.024, 139.412

73, 56.146,
130.651

80, 11.250,
313.360

72, 66.267,
130.254

82, 22.365,
313.703

71, 75.351,
130.027

83, 33.290,
314.001

71, 82.929,
130.090

85, 35.816,
319.675

■ 70, 88.543,
130.567

■ 86, 37.759,
325.521

■ 70, 92.247,
131.406

■ 86, 37.842,
325.739

Harmonies

Complementary

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



76, 22.826, 132.122



67, 23.290, 313.846

Rectangle

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



76, 22.826, 132.122



76, 22.826, 182.122



76, 22.826, 312.122



76, 22.826, 2.122

Sweetspot

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



76, 22.828, 132.124



98, 8.412, 132.768



74, 14.073, 82.839



53, 5.627, 132.738



0, 0.000, 0.000



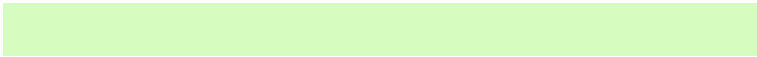
53, 0.007, 296.813

Same Dimension

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



76, 22.828, 132.124



95, 33.781, 131.913



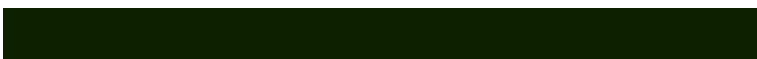
75, 23.990, 145.956



40, 6.422, 132.620



58, 79.817, 131.194



10, 21.911, 135.996

Inverse Universe

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



67, 23.290, 313.846



83, 34.618, 314.044



69, 24.030, 328.418



38, 6.489, 313.371



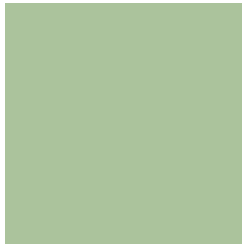
27, 86.115, 314.952



2, 20.708, 309.683

Previews

White Background



This preview shows how the CIELCh color 76, 22.826, 132.122 looks on a white background.

Color Contrast Check

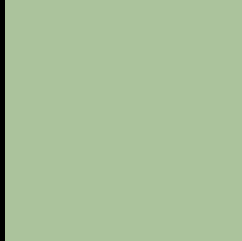
Large Text (above 18pt) WCAG AA × Fail

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 76, 22.826, 132.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

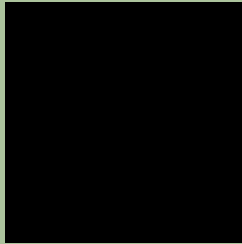
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 22.826, 132.122

Background



This preview shows how black text looks on a background with the CIELCh color 76, 22.826, 132.122.

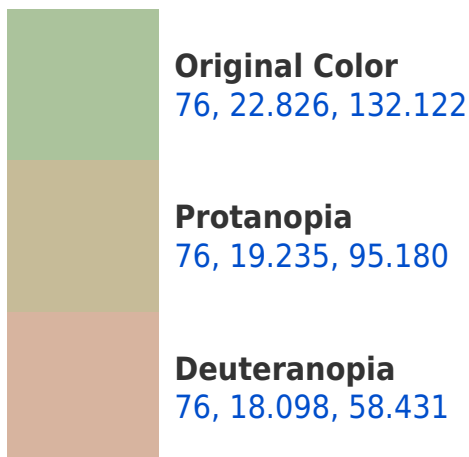


This preview shows how white text looks on a background with the CIELCh color 76, 22.826, 132.122.

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, 8.743, 267.129

Trichromacy



Original Color
76, 22.826, 132.122

Protanomaly
76, 19.762, 110.600

Deuteranomaly
76, 15.515, 87.852

Tritanomaly
76, 5.921, 177.674

Monochromacy



Original Color
76, 22.826, 132.122

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 8.139, 131.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 22.826, 132.122 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(171, 195, 156)` looks like.

```
.text, #text, p{  
    color:rgb(171, 195, 156)  
}
```

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(171, 195, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 195, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 22.826, 132.122 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(171, 195, 156) }
```

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

```
.border{ border-color:rgb(171, 195, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 195, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 195, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 195, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 195,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 22.826, 132.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 195, 156) }
```

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

```
.background{ background-color: rgb(171,  
195, 156) }
```

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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