

Converting Colors

CIELCh(78, 30.889, 132.422)

Have a look what the booklet for
CIELCh(78, 30.889, 132.422)
contains.

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Color

CIELCh(78, 31.012, 132.671)

Conversions

Conversions Part 1

Format	Color
Hex	A9CB96
RGB	169, 203, 150
RGB Percent	66%, 80%, 59%
CMY	0.3381, 0.2048, 0.4126
CMYK	0.17, 0.00, 0.26, 0.20
HSL	98°, 34%, 69%
HSV	98°, 26%, 80%
XYZ	43.1063, 53.2120, 36.7634
YIQ	186.7920, -3.2510, -23.6910

Conversions

Conversions Part 2

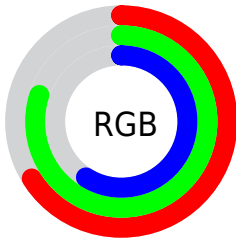
Format	Color
RYB	150, 203, 184
Decimal	11127702
CIELab	78.00, -21.02, 22.80
CIElCh	78, 31.012, 132.671
Yxy	53.2120, 0.3239, 0.3998
Android (android.graphics.Color)	4289317782 (0xFFA9CB96)
YUV	186.7920, -18.1385, -15.6036
Hunter-Lab	72.9466, -22.1755, 21.1817

Details

The CIELCh color **78, 31.012, 132.671** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 31.773, 314.974**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 28.172, 131.203**, and **58, 31.099, 132.916** is the 20% darker color. If you saturate the color by 10%, you get **77, 42.752, 132.159**, and if you desaturate by 10%, it is **79, 19.136, 133.162**.

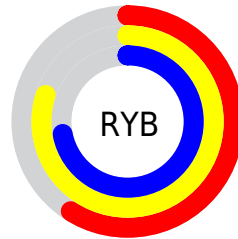
Distribution



Red (66%)

Green (80%)

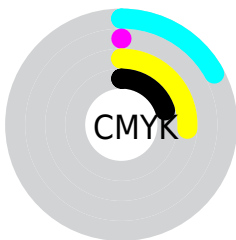
Blue (59%)



Red (59%)

Yellow (80%)

Blue (72%)

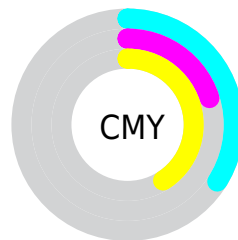


Cyan (17%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (34%)


Magenta (20%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 31.012, 132.671 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 78, 31.012, 132.671 by changing the saturation by 10% instead.


 78, 31.012,
132.671


 78, 31.012,
132.671


 100, 31.012,
132.671


 68, 31.012,
132.671


 98, 31.012,
132.671

 58, 31.012,
132.671

 48, 31.012,
132.671

 38, 31.012,
132.671

 28, 31.012,
132.671

 18, 31.012,
132.671

 8, 31.012, 132.671

■ 0, 31.012, 132.671

■ 78, 31.012,
132.671

■ 78, 31.012,
132.671

■ 77, 42.752,
132.159

■ 79, 19.136,
133.162

■ 76, 54.170,
131.648

■ 81, 7.246, 133.625

■ 75, 65.013,
131.187

■ 82, 4.563, 313.970

■ 84, 16.228,
314.356

■ 74, 74.929,
130.852

■ 86, 27.703,
314.677

■ 73, 83.455,
130.754

■ 87, 31.351,
321.047

■ 73, 90.086,
131.022

■ 88, 32.750,

■ 72, 94.483,
131.742

325.564

■ 72, 95.818,
132.052

Harmonies

Complementary

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



78, 31.012, 132.671



67, 31.773, 314.974

Rectangle

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



78, 31.012, 132.671



78, 31.012, 182.671



78, 31.012, 312.671



78, 31.012, 2.671

Sweetspot

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



78, 31.014, 132.672



99, 11.398, 133.534



75, 19.679, 84.989



52, 8.106, 133.464



0, 0.000, 0.000



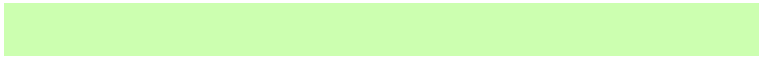
53, 0.007, 296.813

Same Dimension

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



78, 31.014, 132.672



95, 44.262, 132.403



77, 31.615, 146.459



42, 6.747, 133.475



60, 82.287, 131.846



13, 25.759, 135.034

Inverse Universe

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



67, 31.773, 314.974



79, 45.575, 315.211



68, 31.682, 329.861



40, 6.812, 314.229



29, 87.675, 315.671



3, 25.424, 312.347

Previews

White Background



This preview shows how the CIELCh color 78, 31.012, 132.671 looks on a white background.

Color Contrast Check

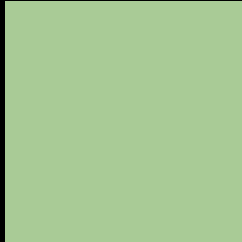
Large Text (above 18pt) WCAG AA × Fail

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 78, 31.012, 132.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

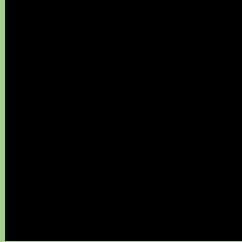
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 31.012, 132.671

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.012, 132.671.

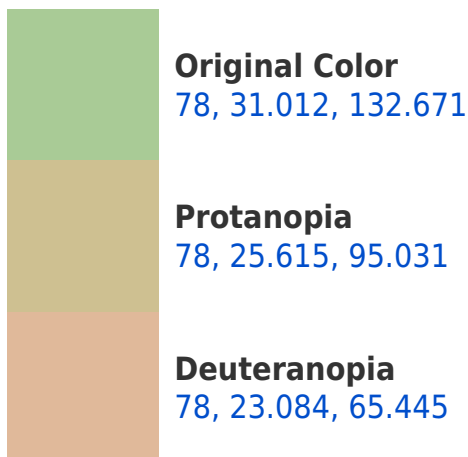



This preview shows how white text looks on a background with the CIELCh color 78, 31.012, 132.671.

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](#).

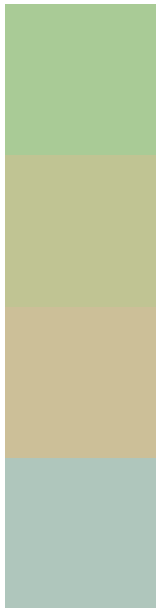
Dichromacy





Tritanopia
78, 9.850, 254.021

Trichromacy



Original Color
78, 31.012, 132.671

Protanomaly
78, 25.983, 111.294

Deuteranomaly
77, 21.420, 94.150

Tritanomaly
78, 10.006, 166.342

Monochromacy



Original Color
78, 31.012, 132.671

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 11.815, 133.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.012, 132.671 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, 203, 150)` looks like.

```
.text, #text, p{  
    color:rgb(169, 203, 150)  
}
```

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, 203, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 203, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.012, 132.671 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, 203, 150) }
```

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

```
.border{ border-color:rgb(169, 203, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 203, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 203, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 203, 150);  
box-shadow:4px 4px 4px 4px rgb(169, 203,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.012, 132.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 203, 150) }
```

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

```
.background{ background-color: rgb(169,  
203, 150) }
```

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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