

Converting Colors

CIELCh(78, 32.580, 125.926)

Have a look what the booklet for
CIELCh(78, 32.580, 125.926)
contains.

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Color

CIELCh(78, 32.885, 126.183)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AFCA8F |
| RGB | 175, 202, 143 |
| RGB Percent | 69%, 79%, 56% |
| CMY | 0.3145, 0.2086, 0.4400 |
| CMYK | 0.13, 0.00, 0.29, 0.21 |
| HSL | 87°, 36%, 68% |
| HSV | 87°, 29%, 79% |
| XYZ | 43.6490, 53.2120, 33.8798 |
| YIQ | 187.2010, 2.8470, -24.0730 |

Conversions

Conversions Part 2

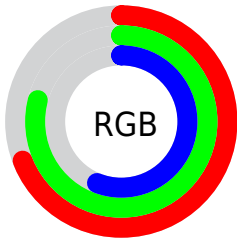
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 143, 202, 170 |
| Decimal | 11520655 |
| CIELab | 78.00, -19.41, 26.54 |
| CIELCh | 78, 32.885, 126.183 |
| Yxy | 53.2120, 0.3339, 0.4070 |
| Android (android.graphics.Color) | 4289710735 (0xFFAFCA8F) |
| YUV | 187.2010, -21.7911, -10.7003 |
| Hunter-Lab | 72.9466, -20.8476, 23.5255 |

Details

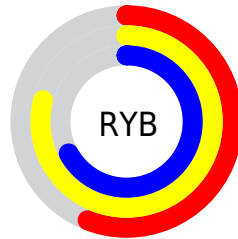
The CIELCh color **78, 32.885, 126.183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 34.388, 309.075**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 30.692, 124.866**, and **58, 32.980, 126.049** is the 20% darker color. If you saturate the color by 10%, you get **77, 43.882, 125.700**, and if you desaturate by 10%, it is **79, 21.687, 126.680**.

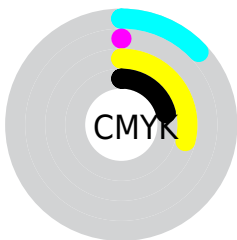
Distribution



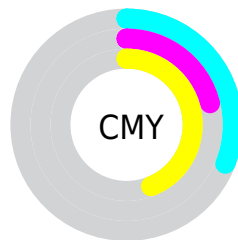
- Red (69%)
- Green (79%)
- Blue (56%)



- Red (56%)
- Yellow (79%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)





- Cyan (31%)
- Magenta (21%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 32.885, 126.183 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, 32.885, 126.183 by changing the saturation by 10% instead.


 78, 32.885,
126.183


 78, 32.885,
126.183


 100, 32.885,
126.183


 68, 32.885,
126.183


 98, 32.885,
126.183

 58, 32.885,
126.183

 48, 32.885,
126.183

 38, 32.885,
126.183

 28, 32.885,
126.183

 18, 32.885,
126.183

 8, 32.885, 126.183

0, 32.885, 126.183

78, 32.885,
126.183

78, 32.885,
126.183

77, 43.882,
125.700

79, 21.687,
126.680

76, 54.494,
125.261

80, 10.405,
127.166

75, 64.464,
124.928

81, 0.874, 307.491

75, 73.424,
124.787

83, 12.088,
308.025

74, 80.909,
124.956

84, 23.195,
308.418

74, 86.454,
125.556

85, 29.754,
311.207

■ 73, 90.036,
126.595

■ 86, 30.876,
316.872

■ 73, 90.285,
126.675

■ 87, 32.270,
322.184

■ 87, 33.367,
325.585

Harmonies

Complementary

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



78, 32.885, 126.183



64, 34.388, 309.075

Rectangle

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



78, 32.885, 126.183



78, 32.885, 176.183



78, 32.885, 306.183



78, 32.885, 356.183

Sweetspot

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



78, 32.887, 126.185



99, 12.264, 127.171



72, 19.754, 66.469



52, 8.524, 127.100



0, 0.000, 0.000



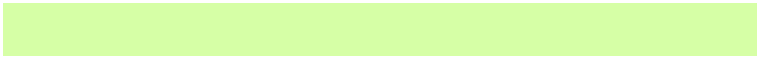
53, 0.007, 296.813

Same Dimension

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



78, 32.887, 126.185



95, 47.461, 125.879



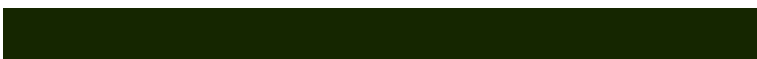
76, 38.004, 141.224



43, 6.449, 127.158



61, 77.840, 126.441



13, 24.175, 128.842

Inverse Universe

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



64, 34.388, 309.075



75, 50.164, 309.441



66, 38.107, 324.582



40, 6.545, 308.006



25, 91.125, 311.069



2, 24.356, 305.106

Previews

White Background



This preview shows how the CIELCh color 78, 32.885, 126.183 looks on a white background.

Color Contrast Check

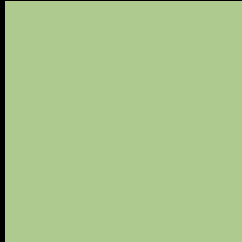
Large Text (above 18pt) WCAG AA × Fail

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, 32.885, 126.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

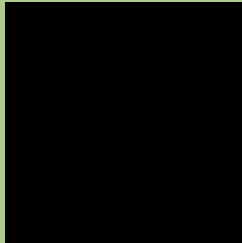
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 32.885, 126.183

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.885, 126.183.



This preview shows how white text looks on a background with the CIELCh color 78, 32.885, 126.183.

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](#).

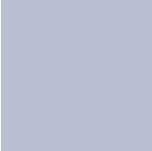
Dichromacy



Original Color
78, 32.885, 126.183

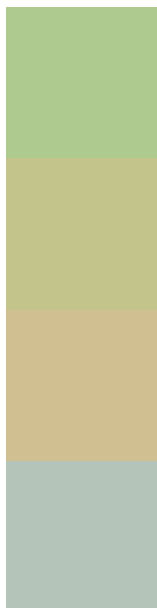
Protanopia
78, 28.788, 95.222

Deuteranopia
78, 27.030, 69.701



Tritanopia
78, 9.072, 270.572

Trichromacy



Original Color
78, 32.885, 126.183

Protanomaly
78, 29.567, 108.214

Deuteranomaly
78, 25.330, 93.018

Tritanomaly
78, 8.126, 152.498

Monochromacy



Original Color
78, 32.885, 126.183

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 11.768, 126.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.885, 126.183 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(175, 202, 143)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 143)  
}
```

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(175, 202, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.885, 126.183 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(175, 202, 143) }
```

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

```
.border{ border-color:rgb(175, 202, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 202, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 202, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 202, 143); box-shadow:4px 4px 4px 4px rgb(175, 202, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.885, 126.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 143) }
```

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

```
.background{ background-color: rgb(175,  
202, 143) }
```

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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