

Converting Colors

CIELCh(78, 41.294, 126.783)

Have a look what the booklet for
CIELCh(78, 41.294, 126.783)
contains.

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Color

CIELCh(78, 41.317, 126.889)

Conversions

Conversions Part 1

Format	Color
Hex	A8CC82
RGB	168, 204, 130
RGB Percent	66%, 80%, 51%
CMY	0.3406, 0.1994, 0.4896
CMYK	0.18, 0.00, 0.36, 0.20
HSL	89°, 42%, 66%
HSV	89°, 36%, 80%
XYZ	41.8457, 53.2120, 29.2333
YIQ	184.8000, 2.2980, -30.6460

Conversions

Conversions Part 2

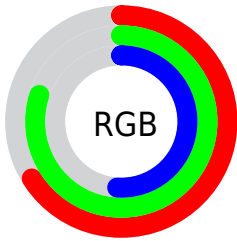
Format	Color
RYB	130, 204, 166
Decimal	11062402
CIELab	78.00, -24.80, 33.05
CIELCh	78, 41.317, 126.889
Yxy	53.2120, 0.3367, 0.4281
Android (android.graphics.Color)	4289252482 (0xFFA8CC82)
YUV	184.8000, -27.0164, -14.7336
Hunter-Lab	72.9466, -25.2601, 27.3021

Details

The CIELCh color **78, 41.317, 126.889** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 43.578, 310.425**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 37.703, 125.456**, and **58, 41.674, 126.666** is the 20% darker color. If you saturate the color by 10%, you get **77, 52.261, 126.435**, and if you desaturate by 10%, it is **79, 30.052, 127.377**.

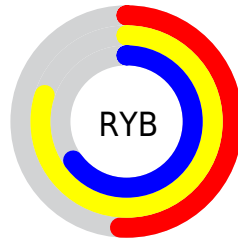
Distribution



Red (66%)

Green (80%)

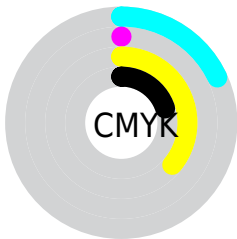
Blue (51%)



Red (51%)

Yellow (80%)

Blue (65%)

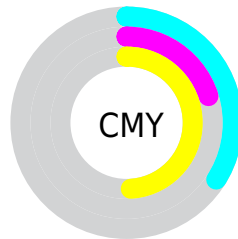


Cyan (18%)

Magenta (0%)

Yellow (36%)

Black (20%)



Cyan (34%)

Magenta (20%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 41.317, 126.889 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, 41.317, 126.889 by changing the saturation by 10% instead.

 78, 41.317,
126.889

 78, 41.317,
126.889

 100, 41.317,
126.889

 68, 41.317,
126.889


 98, 41.317,
126.889


 58, 41.317,
126.889

 48, 41.317,
126.889

 38, 41.317,
126.889

 28, 41.317,
126.889

 18, 41.317,
126.889

 8, 41.317, 126.889

■ 0, 41.317, 126.889

■ 78, 41.317,
126.889

■ 78, 41.317,
126.889

■ 77, 52.261,
126.435

■ 79, 30.052,
127.377

■ 76, 62.643,
126.061

■ 80, 18.626,
127.863

■ 76, 72.126,
125.848

■ 81, 7.152, 128.337

■ 75, 80.262,
125.905

■ 83, 4.289, 308.727

■ 74, 86.560,
126.361

■ 84, 15.641,
309.146

■ 74, 90.711,
127.303

■ 85, 26.864,
309.512

■ 86, 29.157,

■ 74, 91.952,
127.702

315.278

■ 87, 30.607,
321.343

■ 88, 31.887,
325.534

Harmonies

Complementary

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



78, 41.317, 126.889



60, 43.578, 310.425

Rectangle

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



78, 41.317, 126.889



78, 41.317, 176.889



78, 41.317, 306.889



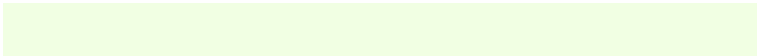
78, 41.317, 356.889

Sweetspot

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



78, 41.319, 126.890



98, 15.091, 128.106



71, 25.489, 69.189



52, 10.142, 128.041



0, 0.000, 0.000



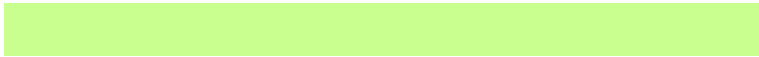
53, 0.007, 296.813

Same Dimension

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



78, 41.319, 126.890



94, 59.658, 126.507



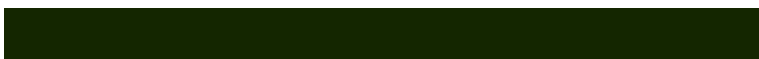
76, 47.923, 141.406



42, 6.491, 128.188



61, 78.575, 127.457



13, 24.418, 129.947

Inverse Universe

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



60, 43.578, 310.425



69, 63.802, 310.890



64, 47.921, 325.899



40, 6.582, 309.010



25, 90.570, 311.686



2, 24.479, 306.143

Previews

White Background



This preview shows how the CIELCh color 78, 41.317, 126.889 looks on a white background.

Color Contrast Check

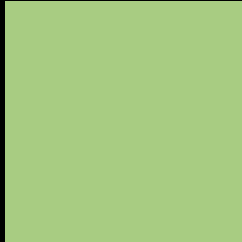
Large Text (above 18pt) WCAG AA × Fail

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, 41.317, 126.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

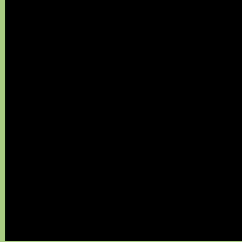
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 41.317, 126.889

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.317, 126.889.



This preview shows how white text looks on a background with the CIELCh color 78, 41.317, 126.889.

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, 41.317, 126.889

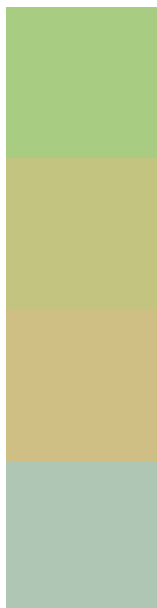
Protanopia
78, 36.089, 95.504

Deuteranopia
78, 32.548, 72.414



Tritanopia
78, 9.759, 260.948

Trichromacy



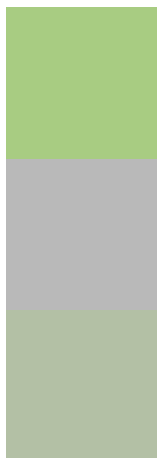
Original Color
78, 41.317, 126.889

Protanomaly
78, 36.248, 108.102

Deuteranomaly
77, 31.464, 95.151

Tritanomaly
78, 12.270, 150.783

Monochromacy



Original Color
78, 41.317, 126.889

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 15.311, 127.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 41.317, 126.889 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(168, 204, 130)` looks like.

```
.text, #text, p{  
    color:rgb(168, 204, 130)  
}
```

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(168, 204, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 204, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.317, 126.889 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(168, 204, 130) }
```

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

```
.border{ border-color:rgb(168, 204, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 204, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 204, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 204, 130);  
box-shadow:4px 4px 4px 4px rgb(168, 204,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.317, 126.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 204, 130) }
```

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

```
.background{ background-color: rgb(168,  
204, 130) }
```

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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