

Converting Colors

CIELCh(78, 42.521, 127.335)

Have a look what the booklet for
CIELCh(78, 42.521, 127.335)
contains.

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Color

CIELCh(78, 42.521, 127.335)

Conversions

Conversions Part 1

Format	Color
Hex	A7CD81
RGB	167, 205, 129
RGB Percent	65%, 80%, 51%
CMY	0.3467, 0.1977, 0.4956
CMYK	0.19, 0.00, 0.37, 0.20
HSL	90°, 43%, 65%
HSV	90°, 37%, 80%
XYZ	41.5209, 53.2120, 28.7176
YIQ	184.9740, 1.7480, -31.6920

Conversions

Conversions Part 2

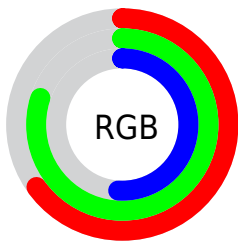
Format	Color
RYB	129, 205, 167
Decimal	10997121
CIELab	78.00, -25.79, 33.81
CIElCh	78, 42.521, 127.335
Yxy	53.2120, 0.3363, 0.4310
Android (android.graphics.Color)	4289187201 (0xFFA7CD81)
YUV	184.9740, -27.5952, -15.7632
Hunter-Lab	72.9466, -26.0548, 27.7213

Details

The CIELCh color $78, 42.521, 127.335$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 44.834, 310.915$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 38.297, 125.726$, and $58, 42.906, 127.119$ is the 20% darker color. If you saturate the color by 10%, you get $77, 53.490, 126.885$, and if you desaturate by 10%, it is $79, 31.214, 127.820$.

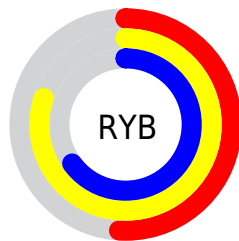
Distribution



Red (65%)

Green (80%)

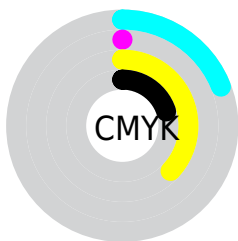
Blue (51%)



Red (51%)

Yellow (80%)

Blue (65%)

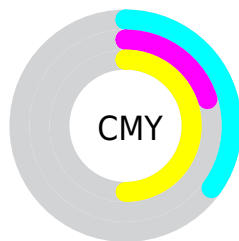


Cyan (19%)

Magenta (0%)

Yellow (37%)

Black (20%)



Cyan (35%)


Magenta (20%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 42.521, 127.335 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, 42.521, 127.335 by changing the saturation by 10% instead.


 78, 42.521,
127.335


 78, 42.521,
127.335


 100, 42.521,
127.335


 68, 42.521,
127.335


 98, 42.521,
127.335

 58, 42.521,
127.335

 48, 42.521,
127.335

 38, 42.521,
127.335

 28, 42.521,
127.335

 18, 42.521,
127.335

 8, 42.521, 127.335

■ 0, 42.521, 127.335

■ 78, 42.521,
127.335

■ 78, 42.521,
127.335

■ 77, 53.490,
126.885

■ 79, 31.214,
127.820

■ 76, 63.871,
126.519

■ 80, 19.735,
128.305

■ 76, 73.314,
126.320

■ 81, 8.203, 128.775

■ 75, 81.361,
126.402

■ 83, 3.298, 309.156

■ 74, 87.525,
126.893

■ 84, 14.710,
309.580

■ 74, 91.553,
127.862

■ 85, 25.990,
309.944

■ 86, 28.952,

■ 74, 92.512,
128.161

315.525

■ 87, 30.468,
321.797

■ 88, 31.610,
325.524

Harmonies

Complementary

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



78, 42.521, 127.335



60, 44.834, 310.915

Rectangle

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



78, 42.521, 127.335



78, 42.521, 177.335



78, 42.521, 307.335



78, 42.521, 357.335

Sweetspot

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



78, 42.523, 127.336



98, 15.139, 128.588



71, 26.381, 70.802



52, 10.174, 128.524



0, 0.000, 0.000



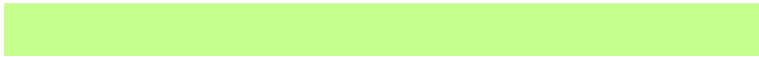
53, 0.007, 296.813

Same Dimension

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



78, 42.523, 127.336



94, 61.170, 126.951



76, 49.396, 141.695



42, 6.511, 128.670



61, 78.920, 127.914



13, 24.534, 130.452

Inverse Universe

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



60, 44.834, 310.915



68, 65.381, 311.372



64, 49.330, 326.427



40, 6.600, 309.480



25, 90.308, 311.991



3, 24.543, 306.647

Previews

White Background



This preview shows how the CIELCh color 78, 42.521, 127.335 looks on a white background.

Color Contrast Check

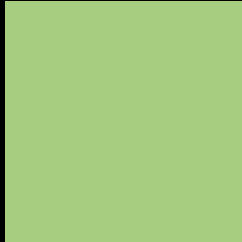
Large Text (above 18pt) WCAG AA × Fail

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, 42.521, 127.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

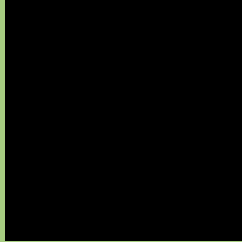
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 42.521, 127.335

Background



This preview shows how black text looks on a background with the CIELCh color 78, 42.521, 127.335.



This preview shows how white text looks on a background with the CIELCh color 78, 42.521, 127.335.

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, 42.521, 127.335

Protanopia
78, 36.593, 95.599

Deuteranopia
78, 33.448, 73.287



Tritanopia
78, 9.850, 254.021

Trichromacy



Original Color
78, 42.521, 127.335

Protanomaly
78, 37.246, 108.620

Deuteranomaly
77, 32.395, 96.126

Tritanomaly
78, 13.171, 151.534

Monochromacy



Original Color
78, 42.521, 127.335

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 15.948, 128.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 42.521, 127.335 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(167, 205, 129)` looks like.

```
.text, #text, p{  
    color:rgb(167, 205, 129)  
}
```

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(167, 205, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 205, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 42.521, 127.335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

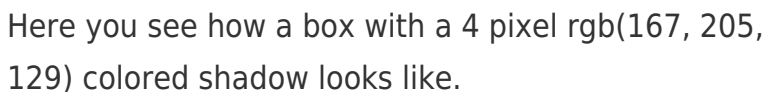
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 205, 129) }
```

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

```
.border{ border-color:rgb(167, 205, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 205, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 205, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 205, 129); box-shadow:4px 4px 4px 4px rgb(167, 205, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 42.521, 127.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 205, 129) }
```

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

```
.background{ background-color: rgb(167,  
205, 129) }
```

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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