

Converting Colors

CIELCh(82, 27.591, 148.572)

Have a look what the booklet for
CIELCh(82, 27.591, 148.572)
contains.

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Color

CIELCh(82, 27.858, 148.357)

Conversions

Conversions Part 1

Format	Color
Hex	A7D8B0
RGB	167, 216, 176
RGB Percent	65%, 85%, 69%
CMY	0.3460, 0.1539, 0.3107
CMYK	0.23, 0.00, 0.19, 0.15
HSL	131°, 38%, 75%
HSV	131°, 23%, 85%
XYZ	48.1902, 60.2982, 50.0489
YIQ	196.7890, -16.3640, -22.8280

Conversions

Conversions Part 2

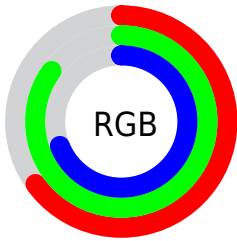
Format	Color
RYB	167, 208, 216
Decimal	10999984
CIELab	82.00, -23.72, 14.62
CIELCh	82, 27.858, 148.357
Yxy	60.2982, 0.3040, 0.3803
Android (android.graphics.Color)	4289190064 (0xFFA7D8B0)
YUV	196.7890, -10.2490, -26.1250
Hunter-Lab	77.6519, -25.1151, 16.1422

Details

The CIELCh color **82, 27.858, 148.357** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 27.961, 331.379**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.368, 152.666**, and **62, 28.049, 148.092** is the 20% darker color. If you saturate the color by 10%, you get **80, 40.057, 147.444**, and if you desaturate by 10%, it is **84, 15.547, 149.148**.

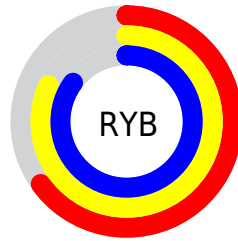
Distribution



Red (65%)

Green (85%)

Blue (69%)



Red (65%)

Yellow (82%)

Blue (85%)

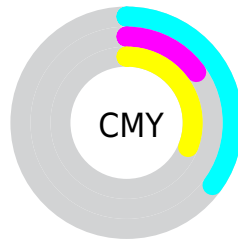


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (15%)



Cyan (35%)


Magenta (15%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 27.858, 148.357 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 82, 27.858, 148.357 by changing the saturation by 10% instead.


 82, 27.858,
148.357


 82, 27.858,
148.357


 100, 27.858,
148.357


 72, 27.858,
148.357

 62, 27.858,
148.357

 52, 27.858,
148.357

 42, 27.858,
148.357

 32, 27.858,
148.357

 22, 27.858,
148.357

 12, 27.858,

148.357

■ 2, 27.858, 148.357

■ 0, 27.858, 148.357

■ 82, 27.858,
148.357

■ 82, 27.858,
148.357

■ 80, 40.057,
147.444

■ 84, 15.547,
149.148

■ 79, 51.926,
146.387

■ 86, 3.286, 149.899

■ 78, 63.216,
145.174

■ 88, 8.797, 330.345

■ 77, 73.649,
143.802

■ 90, 20.612,
330.869

■ 76, 82.939,

■ 91, 24.584,
325.281

142.292

■ 76, 90.809,
140.695

■ 76, 97.021,
139.104

■ 76, 100.476,
138.070

Harmonies

Complementary

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



82, 27.858, 148.357



74, 27.961, 331.379

Rectangle

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



82, 27.858, 148.357



82, 27.858, 198.357



82, 27.858, 328.357



82, 27.858, 18.357

Sweetspot

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



82, 27.860, 148.357



98, 9.772, 149.557



84, 25.758, 115.750



52, 6.352, 149.513



0, 0.000, 0.000



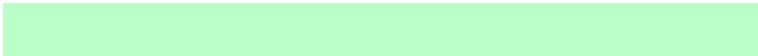
53, 0.007, 296.813

Same Dimension

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



82, 27.860, 148.357



94, 37.928, 147.958



83, 19.175, 172.647



44, 6.889, 149.388



61, 83.924, 138.324



14, 29.256, 144.288

Inverse Universe

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



74, 27.961, 331.379



83, 38.068, 331.678



73, 20.407, 357.157



42, 6.909, 330.516



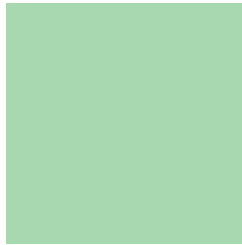
39, 74.261, 337.120



6, 28.789, 335.116

Previews

White Background



This preview shows how the CIELCh color 82, 27.858, 148.357 looks on a white background.

Color Contrast Check

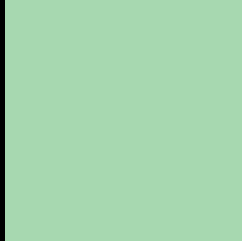
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 82, 27.858, 148.357 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 82, 27.858, 148.357

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.858, 148.357.



This preview shows how white text looks on a background with the CIELCh color 82, 27.858, 148.357.

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](#).

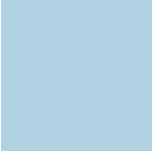
Dichromacy



Original Color
82, 27.858, 148.357

Protanopia
82, 18.527, 93.893

Deuteranopia
82, 16.092, 51.727

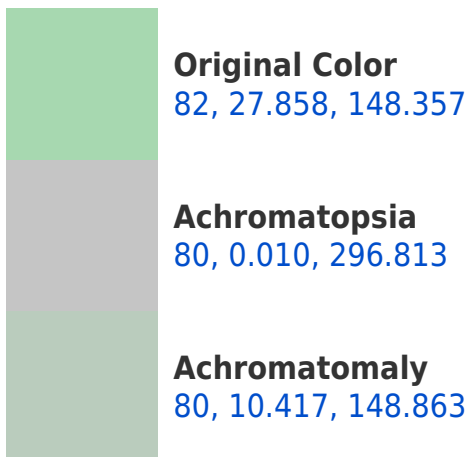


Tritanopia
82, 14.044, 238.914

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.858, 148.357 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, 216, 176)` looks like.

```
.text, #text, p{  
    color:rgb(167, 216, 176)  
}
```

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, 216, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 216, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.858, 148.357 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, 216, 176) }
```

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

```
.border{ border-color:rgb(167, 216, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 216, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 216, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 216, 176);  
box-shadow:4px 4px 4px 4px rgb(167, 216,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.858, 148.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 216, 176) }
```

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

```
.background{ background-color: rgb(167,  
216, 176) }
```

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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