

Converting Colors

CIELCh(84, 21.283, 142.528)

Have a look what the booklet for
CIELCh(84, 21.283, 142.528)
contains.

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Color

CIELCh(84, 21.058, 142.748)

Conversions

Conversions Part 1

Format	Color
Hex	BADAB9
RGB	186, 218, 185
RGB Percent	73%, 85%, 73%
CMY	0.2707, 0.1452, 0.2746
CMYK	0.15, 0.00, 0.15, 0.15
HSL	118°, 31%, 79%
HSV	118°, 15%, 85%
XYZ	54.0614, 64.0658, 55.4007
YIQ	204.6700, -8.4790, -17.0470

Conversions

Conversions Part 2

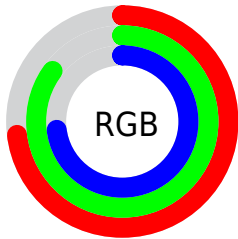
Format	Color
RYB	185, 218, 217
Decimal	12245689
CIELab	84.00, -16.76, 12.75
CIElCh	84, 21.058, 142.748
Yxy	64.0658, 0.3115, 0.3692
Android (android.graphics.Color)	4290435769 (0xFFBADAB9)
YUV	204.6700, -9.6973, -16.3736
Hunter-Lab	80.0411, -19.5093, 14.9910

Details

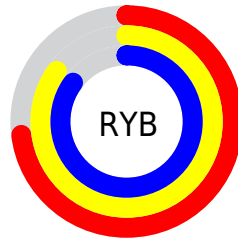
The CIELCh color **84, 21.058, 142.748** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **79, 21.098, 324.421**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.505, 142.257**, and **64, 20.894, 142.455** is the 20% darker color. If you saturate the color by 10%, you get **82, 35.039, 142.020**, and if you desaturate by 10%, it is **86, 7.102, 143.391**.

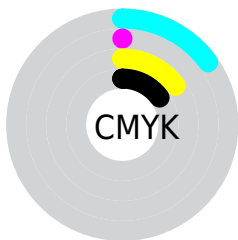
Distribution



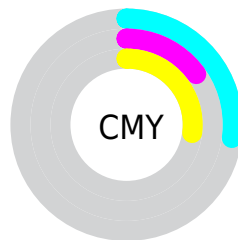
- Red (73%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (85%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (27%)
- Magenta (15%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 21.058, 142.748 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 84, 21.058, 142.748 by changing the saturation by 10% instead.

 84, 21.058,
142.748

 84, 21.058,
142.748


 100, 21.058,
142.748


 74, 21.058,
142.748

 64, 21.058,
142.748

 54, 21.058,
142.748

 44, 21.058,
142.748

 34, 21.058,
142.748


 24, 21.058,
142.748

 14, 21.058,


142.748

 4, 21.058, 142.748


 0, 21.058, 142.748

 84, 21.058,
142.748

 84, 21.058,
142.748


 82, 35.039,
142.020


 86, 7.102, 143.391


 81, 48.816,
141.182

 88, 6.673, 323.838

 79, 62.094,
140.238


 90, 20.154,
324.308


 78, 74.491,
139.210


 91, 23.184,
325.232


 78, 85.534,

138.160

 77, 94.669,
137.193

 76, 101.330,
136.450

 76, 105.158,
136.053

 76, 106.249,
135.914

Harmonies

Complementary

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



84, 21.058, 142.748



79, 21.098, 324.421

Rectangle

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



84, 21.058, 142.748



84, 21.058, 192.748



84, 21.058, 322.748



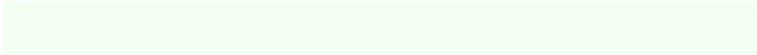
84, 21.058, 12.748

Sweetspot

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



84, 21.060, 142.748



99, 7.845, 143.397



86, 16.631, 107.314



53, 5.356, 143.352



0, 0.000, 0.000



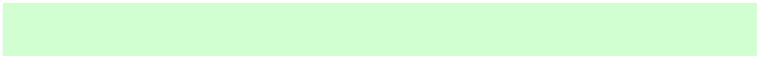
53, 0.007, 296.813

Same Dimension

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



84, 21.060, 142.748



96, 28.467, 142.540



84, 15.145, 160.655



45, 7.910, 143.121



62, 89.535, 135.881



15, 33.435, 139.663

Inverse Universe

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



79, 21.098, 324.421



89, 28.518, 324.582



78, 15.395, 343.131



43, 7.926, 324.112



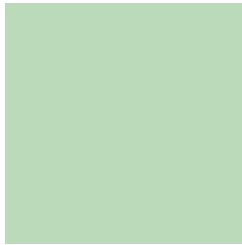
40, 86.671, 327.046



7, 34.455, 327.138

Previews

White Background



This preview shows how the CIELCh color 84, 21.058, 142.748 looks on a white background.

Color Contrast Check

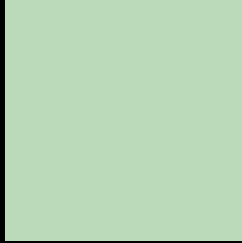
Large Text (above 18pt) WCAG AA × Fail

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 84, 21.058, 142.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

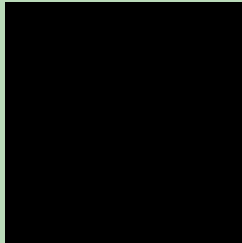
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

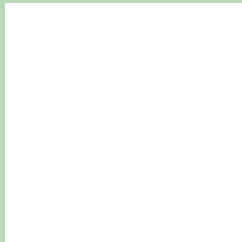
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 21.058, 142.748

Background



This preview shows how black text looks on a background with the CIELCh color 84, 21.058, 142.748.



This preview shows how white text looks on a background with the CIELCh color 84, 21.058, 142.748.

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
84, 21.058, 142.748

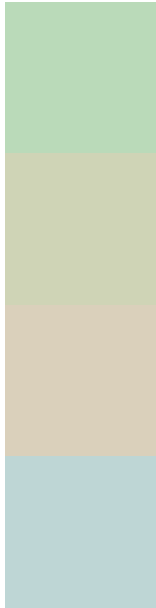
Protanopia
84, 15.295, 92.817

Deuteranopia
84, 15.400, 48.603



Tritanopia
84, 10.926, 254.505

Trichromacy



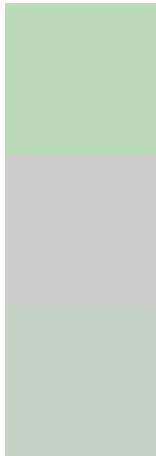
Original Color
84, 21.058, 142.748

Protanomaly
84, 15.843, 115.686

Deuteranomaly
84, 11.659, 90.183

Tritanomaly
84, 8.471, 195.280

Monochromacy



Original Color
84, 21.058, 142.748

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 7.740, 144.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 21.058, 142.748 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(186, 218, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 218, 185)  
}
```

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(186, 218, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 218, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 21.058, 142.748 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(186, 218, 185) }
```

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

```
.border{ border-color:rgb(186, 218, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 218, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 218, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 218, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 218,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 21.058, 142.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 218, 185) }
```

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

```
.background{ background-color: rgb(186,  
218, 185) }
```

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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