

Converting Colors

CIELCh(84, 37.311, 141.406)

Have a look what the booklet for
CIELCh(84, 37.311, 141.406)
contains.

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Color

CIELCh(84, 37.280, 141.415)

Conversions

Conversions Part 1

Format	Color
Hex	A8E0A5
RGB	168, 224, 165
RGB Percent	66%, 88%, 65%
CMY	0.3428, 0.1232, 0.3545
CMYK	0.25, 0.00, 0.26, 0.12
HSL	117°, 48%, 76%
HSV	117°, 26%, 88%
XYZ	49.3584, 64.0658, 45.1705
YIQ	200.5300, -14.4370, -30.2210

Conversions

Conversions Part 2

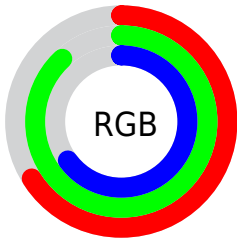
Format	Color
RYB	165, 224, 221
Decimal	11067557
CIELab	84.00, -29.14, 23.25
CIELCh	84, 37.280, 141.415
Yxy	64.0658, 0.3112, 0.4040
Android (android.graphics.Color)	4289257637 (0xFFA8E0A5)
YUV	200.5300, -17.5163, -28.5288
Hunter-Lab	80.0411, -29.9976, 22.5690

Details

The CIELCh color **84, 37.280, 141.415** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 37.385, 324.428**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 21.089, 140.595**, and **64, 36.782, 141.300** is the 20% darker color. If you saturate the color by 10%, you get **82, 51.219, 140.592**, and if you desaturate by 10%, it is **86, 23.116, 142.135**.

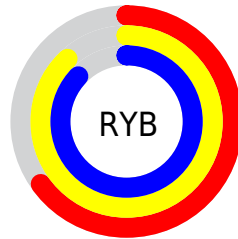
Distribution



Red (66%)

Green (88%)

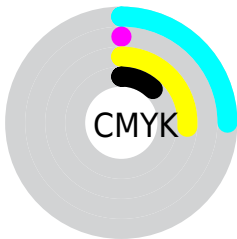
Blue (65%)



Red (65%)

Yellow (88%)

Blue (87%)

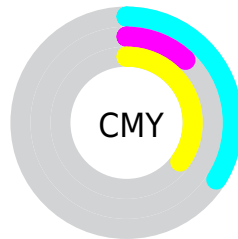


Cyan (25%)

Magenta (0%)

Yellow (26%)

Black (12%)



Cyan (34%)

Magenta (12%)

Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 37.280, 141.415 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, 37.280, 141.415 by changing the saturation by 10% instead.


 84, 37.280,
141.415

 84, 37.280,
141.415


 100, 37.280,
141.415


 74, 37.280,
141.415

 64, 37.280,
141.415

 54, 37.280,
141.415

 44, 37.280,
141.415

 34, 37.280,
141.415


 24, 37.280,
141.415


 14, 37.280,


141.415


 4, 37.280, 141.415

 0, 37.280, 141.415

 84, 37.280,
141.415


 84, 37.280,
141.415

 82, 51.219,
140.592

 86, 23.116,
142.135


 81, 64.622,
139.672

 88, 8.950, 142.767


 80, 77.100,
138.686

 90, 5.050, 323.206

 79, 88.163,
137.699

 92, 18.769,
323.687

 79, 97.235,

 92, 19.656,
325.108

136.824

■ 78, 103.744,
136.201

■ 78, 107.372,
135.933

■ 78, 108.202,
135.850

Harmonies

Complementary

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



84, 37.280, 141.415



74, 37.385, 324.428

Rectangle

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



84, 37.280, 141.415



84, 37.280, 191.415



84, 37.280, 321.415



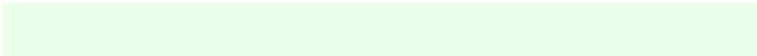
84, 37.280, 11.415

Sweetspot

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



84, 37.282, 141.415



98, 12.502, 142.664



87, 28.540, 104.646



52, 8.895, 142.571



0, 0.000, 0.000



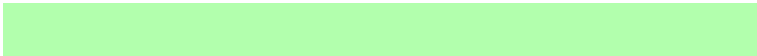
53, 0.007, 296.813

Same Dimension

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



84, 37.282, 141.415



93, 50.238, 140.946



84, 27.556, 157.930



46, 8.008, 142.579



63, 90.400, 135.793



16, 34.790, 138.565

Inverse Universe

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



74, 37.385, 324.428



81, 50.372, 324.719



74, 28.200, 342.451



44, 8.027, 323.547



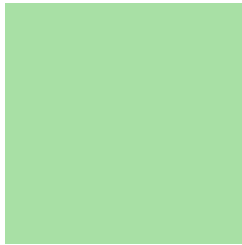
40, 87.723, 326.251



7, 35.889, 326.529

Previews

White Background



This preview shows how the CIELCh color 84, 37.280, 141.415 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 84, 37.280, 141.415 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, 37.280, 141.415

Background



This preview shows how black text looks on a background with the CIELCh color 84, 37.280, 141.415.

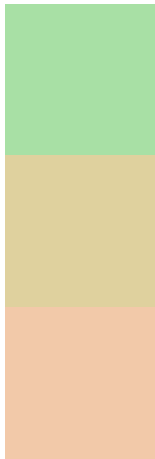


This preview shows how white text looks on a background with the CIELCh color 84, 37.280, 141.415.

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, 37.280, 141.415

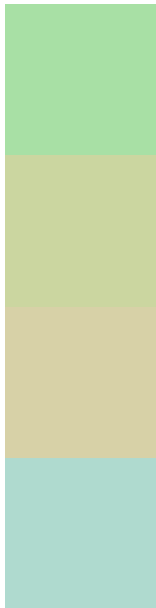
Protanopia
84, 27.251, 96.004

Deuteranopia
84, 23.631, 65.061



Tritanopia
84, 14.729, 236.440

Trichromacy



Original Color
84, 37.280, 141.415

Protanomaly
84, 28.465, 116.419

Deuteranomaly
83, 22.120, 102.144

Tritanomaly
84, 16.221, 177.261

Monochromacy



Original Color
84, 37.280, 141.415

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 14.046, 142.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 37.280, 141.415 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, 224, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 224, 165)  
}
```

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, 224, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 224, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 37.280, 141.415 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, 224, 165) }
```

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

```
.border{ border-color:rgb(168, 224, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 224, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 224, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 224, 165); box-shadow:4px 4px 4px 4px rgb(168, 224, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 37.280, 141.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 224, 165) }
```

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

```
.background{ background-color: rgb(168,  
224, 165) }
```

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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