

Converting Colors

CIELCh(84, 41.429, 143.810)

Have a look what the booklet for
CIELCh(84, 41.429, 143.810)
contains.

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Color

CIELCh(84, 41.857, 143.907)

Conversions

Conversions Part 1

Format	Color
Hex	9EE2A2
RGB	158, 226, 162
RGB Percent	62%, 89%, 64%
CMY	0.3815, 0.1149, 0.3658
CMYK	0.30, 0.00, 0.28, 0.11
HSL	124°, 54%, 75%
HSV	124°, 30%, 89%
XYZ	47.6534, 64.0658, 43.9041
YIQ	198.3720, -19.9840, -34.3200

Conversions

Conversions Part 2

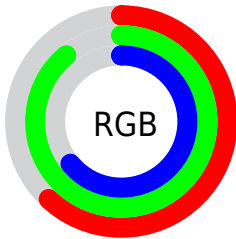
Format	Color
RYB	158, 222, 226
Decimal	10412706
CIELab	84.00, -33.82, 24.66
CIElCh	84, 41.857, 143.907
Yxy	64.0658, 0.3062, 0.4117
Android (android.graphics.Color)	4288602786 (0xFF9EE2A2)
YUV	198.3720, -17.9314, -35.4062
Hunter-Lab	80.0411, -33.7999, 23.5071

Details

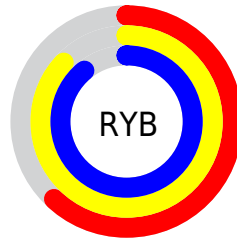
The CIELCh color **84, 41.857, 143.907** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 41.868, 327.763**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 24.407, 145.449**, and **64, 41.717, 144.045** is the 20% darker color. If you saturate the color by 10%, you get **83, 55.403, 142.938**, and if you desaturate by 10%, it is **86, 27.977, 144.746**.

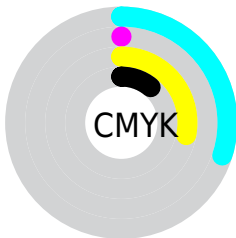
Distribution



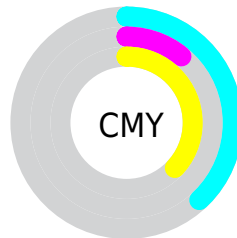
- Red (62%)
- Green (89%)
- Blue (64%)



- Red (62%)
- Yellow (87%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 41.857, 143.907 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, 41.857, 143.907 by changing the saturation by 10% instead.


 84, 41.857,
143.907


 84, 41.857,
143.907


 100, 41.857,
143.907


 74, 41.857,
143.907

 64, 41.857,
143.907

 54, 41.857,
143.907

 44, 41.857,
143.907

 34, 41.857,
143.907

 24, 41.857,
143.907

 14, 41.857,

143.907

■ 4, 41.857, 143.907

■ 0, 41.857, 143.907

■ 84, 41.857,
143.907

■ 84, 41.857,
143.907

■ 83, 55.403,
142.938

■ 86, 27.977,
144.746

■ 81, 68.291,
141.837

■ 88, 14.014,
145.470

■ 80, 80.134,
140.625

■ 90, 0.162, 147.893


■ 80, 90.488,
139.357


■ 92, 13.443,
326.549

■ 79, 98.875,

■ 93, 18.322,
325.060

138.132

 79, 104.850,
137.085

 79, 108.218,
136.396

Harmonies

Complementary

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



84, 41.857, 143.907



73, 41.868, 327.763

Rectangle

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



84, 41.857, 143.907



84, 41.857, 193.907



84, 41.857, 323.907



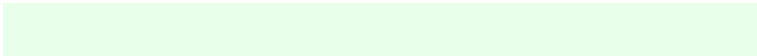
84, 41.857, 13.907

Sweetspot

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



84, 41.859, 143.907



98, 13.744, 145.542



88, 34.943, 109.459



52, 9.560, 145.443



0, 0.000, 0.000



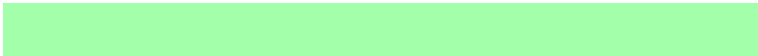
53, 0.007, 296.813

Same Dimension

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



84, 41.859, 143.907



93, 55.057, 143.330



85, 28.865, 163.546



46, 7.819, 145.516



63, 89.572, 136.520



16, 34.222, 140.468

Inverse Universe

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



73, 41.868, 327.763



79, 55.006, 328.104



72, 30.272, 349.416



44, 7.833, 326.573



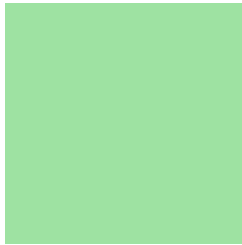
41, 83.551, 330.715



8, 34.536, 330.279

Previews

White Background



This preview shows how the CIELCh color 84, 41.857, 143.907 looks on a white background.

Color Contrast Check

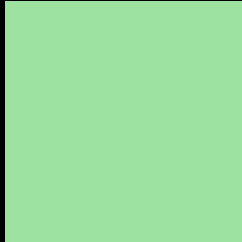
Large Text (above 18pt) WCAG AA × Fail

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, 41.857, 143.907 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, 41.857, 143.907

Background



This preview shows how black text looks on a background with the CIELCh color 84, 41.857, 143.907.

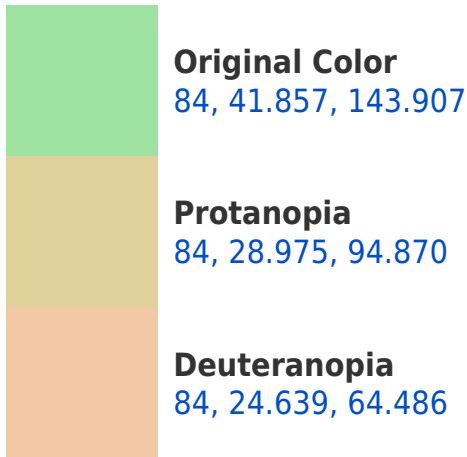


This preview shows how white text looks on a background with the CIELCh color 84, 41.857, 143.907.

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



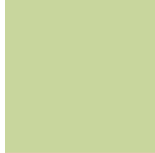


Tritanopia
84, 17.238, 232.195

Trichromacy



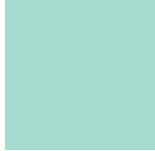
Original Color
84, 41.857, 143.907



Protanomaly
83, 30.193, 118.054



Deuteranomaly
83, 23.067, 105.225

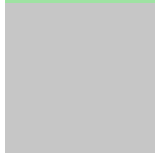


Tritanomaly
84, 19.769, 179.284

Monochromacy



Original Color
84, 41.857, 143.907



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 15.360, 145.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 41.857, 143.907 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(158, 226, 162)` looks like.

```
.text, #text, p{  
    color:rgb(158, 226, 162)  
}
```

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(158, 226, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 226, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 41.857, 143.907 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(158, 226, 162) }
```

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

```
.border{ border-color:rgb(158, 226, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 226, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 226, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 226, 162); box-shadow:4px 4px 4px 4px rgb(158, 226, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 41.857, 143.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 226, 162) }
```

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

```
.background{ background-color: rgb(158,  
226, 162) }
```

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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