

Converting Colors

CIELCh(83, 35.386, 144.122)

Have a look what the booklet for
CIELCh(83, 35.386, 144.122)
contains.

CIELCh(83, 35.416, 144.113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 35.416, 144.113)

Conversions

Conversions Part 1

Format	Color
Hex	A4DDA7
RGB	164, 221, 167
RGB Percent	64%, 87%, 65%
CMY	0.3582, 0.1347, 0.3464
CMYK	0.26, 0.00, 0.24, 0.13
HSL	123°, 45%, 75%
HSV	123°, 26%, 87%
XYZ	47.9489, 62.1629, 45.8700
YIQ	197.8010, -16.6380, -28.8780

Conversions

Conversions Part 2

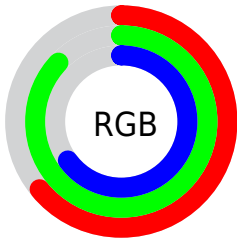
Format	Color
RYB	164, 218, 221
Decimal	10804647
CIELab	83.00, -28.69, 20.76
CIELCh	83, 35.416, 144.113
Yxy	62.1629, 0.3074, 0.3985
Android (android.graphics.Color)	4288994727 (0xFFA4DDA7)
YUV	197.8010, -15.1849, -29.6435
Hunter-Lab	78.8435, -29.4207, 20.6964

Details

The CIELCh color **83, 35.416, 144.113** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 35.441, 327.335**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 21.047, 145.163**, and **63, 35.485, 144.080** is the 20% darker color. If you saturate the color by 10%, you get **81, 48.950, 143.205**, and if you desaturate by 10%, it is **85, 21.669, 144.897**.

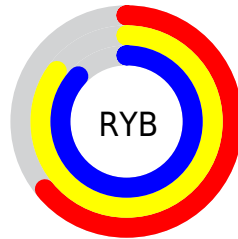
Distribution



Red (64%)

Green (87%)

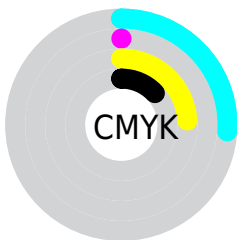
Blue (65%)



Red (64%)

Yellow (85%)

Blue (87%)

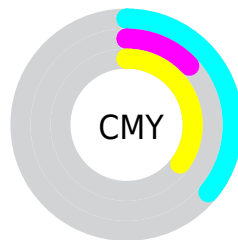


Cyan (26%)

Magenta (0%)

Yellow (24%)

Black (13%)



Cyan (36%)


Magenta (13%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 35.416, 144.113 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 83, 35.416, 144.113 by changing the saturation by 10% instead.


 83, 35.416,
144.113


 83, 35.416,
144.113


 100, 35.416,
144.113


 73, 35.416,
144.113

 63, 35.416,
144.113

 53, 35.416,
144.113

 43, 35.416,
144.113

 33, 35.416,
144.113

 23, 35.416,
144.113

 13, 35.416,

144.113

■ 3, 35.416, 144.113

■ 0, 35.416, 144.113

■ 83, 35.416,
144.113

■ 83, 35.416,
144.113

■ 81, 48.950,
143.205

■ 85, 21.669,
144.897

■ 80, 61.977,
142.165

■ 87, 7.928, 145.583

■ 79, 74.141,
141.004

■ 89, 5.640, 326.058

■ 91, 18.919,
326.573

■ 78, 85.023,
139.764

■ 92, 21.498,
325.173

■ 78, 94.154,

138.525

■ 77, 101.058,
137.412

■ 77, 105.390,
136.566

■ 77, 106.485,
136.360

Harmonies

Complementary

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



83, 35.416, 144.113



74, 35.441, 327.335

Rectangle

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



83, 35.416, 144.113



83, 35.416, 194.113



83, 35.416, 324.113



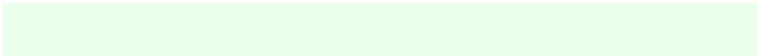
83, 35.416, 14.113

Sweetspot

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



83, 35.418, 144.113



98, 12.260, 145.434



87, 29.499, 109.844



52, 8.723, 145.332



0, 0.000, 0.000



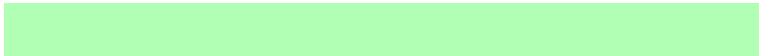
53, 0.007, 296.813

Same Dimension

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



83, 35.418, 144.113



93, 47.742, 143.637



84, 24.395, 164.023



45, 7.706, 145.343



62, 88.705, 136.476



15, 32.836, 141.098

Inverse Universe

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



74, 35.441, 327.335



81, 47.742, 327.639



73, 25.412, 348.910



43, 7.719, 326.393



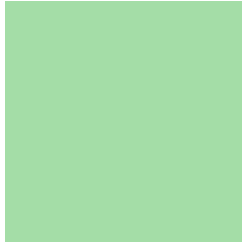
41, 83.058, 330.437



7, 33.312, 329.969

Previews

White Background



This preview shows how the CIELCh color 83, 35.416, 144.113 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 83, 35.416, 144.113 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 83, 35.416, 144.113

Background



This preview shows how black text looks on a background with the CIELCh color 83, 35.416, 144.113.

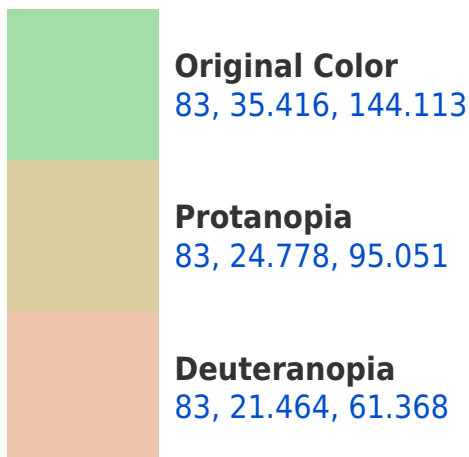


This preview shows how white text looks on a background with the CIELCh color 83, 35.416, 144.113.

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
83, 15.004, 235.732

Trichromacy



Original Color
83, 35.416, 144.113



Protanomaly
83, 25.991, 117.413



Deuteranomaly
82, 19.541, 102.727



Tritanomaly
83, 16.144, 181.061

Monochromacy



Original Color
83, 35.416, 144.113



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 13.205, 145.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 35.416, 144.113 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(164, 221, 167)` looks like.

```
.text, #text, p{  
    color:rgb(164, 221, 167)  
}
```

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(164, 221, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 221, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 35.416, 144.113 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(164, 221, 167) }
```

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

```
.border{ border-color:rgb(164, 221, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 221, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 221, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 221, 167);  
box-shadow:4px 4px 4px 4px rgb(164, 221,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 35.416, 144.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 221, 167) }
```

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

```
.background{ background-color: rgb(164,  
221, 167) }
```

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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