

Converting Colors

CIELCh(81, 35.773, 143.122)

Have a look what the booklet for
CIELCh(81, 35.773, 143.122)
contains.

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Color

CIELCh(81, 35.816, 143.150)

Conversions

Conversions Part 1	
Format	Color
Hex	9FD7A0
RGB	159, 215, 160
RGB Percent	62%, 84%, 63%
CMY	0.3767, 0.1571, 0.3728
CMYK	0.26, 0.00, 0.26, 0.16
HSL	121°, 41%, 73%
HSV	121°, 26%, 84%
XYZ	44.9118, 58.4711, 42.1503
YIQ	191.9860, -15.7210, -28.9770

Conversions

Conversions Part 2

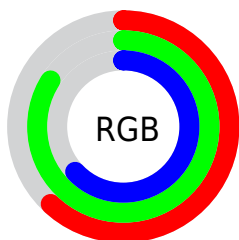
Format	Color
RYB	159, 214, 215
Decimal	10475424
CIELab	81.00, -28.66, 21.48
CIELCh	81, 35.816, 143.150
Yxy	58.4711, 0.3086, 0.4018
Android (android.graphics.Color)	4288665504 (0xFF9FD7A0)
YUV	191.9860, -15.7691, -28.9287
Hunter-Lab	76.4664, -28.9759, 20.8443

Details

The CIELCh color **81, 35.816, 143.150** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 35.829, 326.347**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 25.036, 143.469**, and **61, 35.938, 143.046** is the 20% darker color. If you saturate the color by 10%, you get **79, 49.366, 142.252**, and if you desaturate by 10%, it is **83, 22.037, 143.927**.

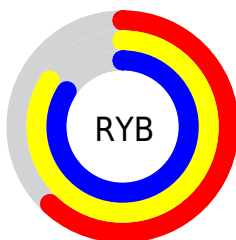
Distribution



Red (62%)

Green (84%)

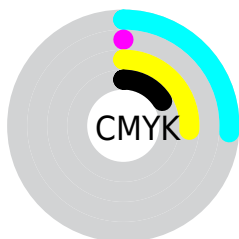
Blue (63%)



Red (62%)

Yellow (84%)

Blue (84%)

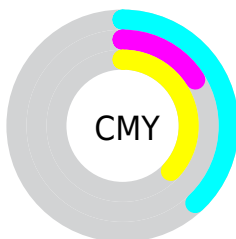


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (16%)



Cyan (38%)


Magenta (16%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 35.816, 143.150 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 81, 35.816, 143.150 by changing the saturation by 10% instead.


 81, 35.816,
143.150


 81, 35.816,
143.150


 100, 35.816,
143.150


 71, 35.816,
143.150


 61, 35.816,
143.150

 51, 35.816,
143.150

 41, 35.816,
143.150

 31, 35.816,
143.150

 21, 35.816,
143.150

 11, 35.816,

143.150

■ 1, 35.816, 143.150

■ 0, 35.816, 143.150

■ 81, 35.816,
143.150

■ 81, 35.816,
143.150

■ 79, 49.366,
142.252

■ 83, 22.037,
143.927

■ 78, 62.378,
141.230

■ 85, 8.258, 144.605

■ 87, 5.351, 325.076

■ 77, 74.472,
140.104


■ 89, 18.670,
325.584


■ 76, 85.191,
138.929


■ 90, 25.095,
325.298

■ 76, 94.015,

137.805

 75, 100.428,
136.872

 75, 104.110,
136.264

 75, 104.977,
136.136

Harmonies

Complementary

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



81, 35.816, 143.150



72, 35.829, 326.347

Rectangle

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



81, 35.816, 143.150



81, 35.816, 193.150



81, 35.816, 323.150



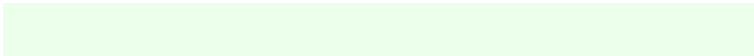
81, 35.816, 13.150

Sweetspot

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



81, 35.818, 143.150



98, 12.557, 144.472



85, 29.103, 108.382



52, 8.934, 144.372



0, 0.000, 0.000



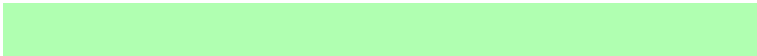
53, 0.007, 296.813

Same Dimension

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



81, 35.818, 143.150



93, 48.890, 142.695



82, 24.711, 162.171



44, 7.741, 144.383



61, 88.381, 136.176



14, 31.876, 141.395

Inverse Universe

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



72, 35.829, 326.347



82, 48.875, 326.630



71, 25.594, 346.967



42, 7.753, 325.418



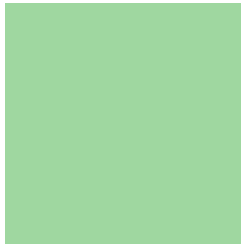
40, 84.424, 328.950



6, 32.530, 328.624

Previews

White Background



This preview shows how the CIELCh color 81, 35.816, 143.150 looks on a white background.

Color Contrast Check

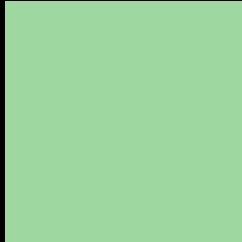
Large Text (above 18pt) WCAG AA × Fail

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 81, 35.816, 143.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

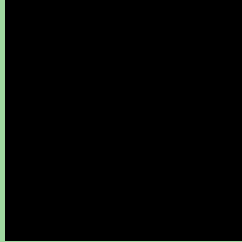
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 35.816, 143.150

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.816, 143.150.

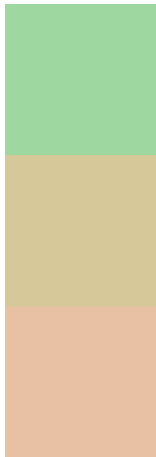


This preview shows how white text looks on a background with the CIELCh color 81, 35.816, 143.150.

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

81, 35.816, 143.150

Protanopia

81, 25.425, 95.160


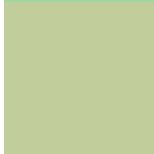
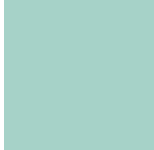
Deuteranopia

81, 21.670, 62.958


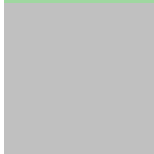
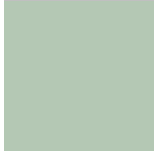


Tritanopia
81, 14.775, 234.007

Trichromacy

	Original Color 81, 35.816, 143.150
	Protanomaly 80, 26.125, 117.371
	Deuteranomaly 80, 20.118, 103.886
	Tritanomaly 81, 16.407, 179.270

Monochromacy

	Original Color 81, 35.816, 143.150
	Achromatopsia 78, 0.009, 296.813
	Achromatomaly 79, 13.063, 143.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 35.816, 143.150 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(159, 215, 160)` looks like.

```
.text, #text, p{  
    color:rgb(159, 215, 160)  
}
```

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(159, 215, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 215, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.816, 143.150 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(159, 215, 160) }
```

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

```
.border{ border-color:rgb(159, 215, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 215, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 215, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 215, 160);  
box-shadow:4px 4px 4px 4px rgb(159, 215,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.816, 143.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 215, 160) }
```

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

```
.background{ background-color: rgb(159,  
215, 160) }
```

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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