

Converting Colors

CIELCh(83, 25.544, 148.496)

Have a look what the booklet for
CIELCh(83, 25.544, 148.496)
contains.

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Color

CIELCh(83, 25.644, 148.331)

Conversions

Conversions Part 1

Format	Color
Hex	ADDAB5
RGB	173, 218, 181
RGB Percent	68%, 85%, 71%
CMY	0.3227, 0.1463, 0.2913
CMYK	0.21, 0.00, 0.17, 0.15
HSL	131°, 38%, 77%
HSV	131°, 21%, 85%
XYZ	50.4740, 62.1629, 52.8987
YIQ	200.3270, -14.9430, -21.0470

Conversions

Conversions Part 2

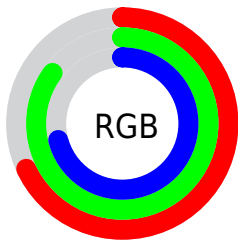
Format	Color
RYB	173, 211, 218
Decimal	11393717
CIELab	83.00, -21.83, 13.46
CIELCh	83, 25.644, 148.331
Yxy	62.1629, 0.3049, 0.3755
Android (android.graphics.Color)	4289583797 (0xFFADDAB5)
YUV	200.3270, -9.5282, -23.9658
Hunter-Lab	78.8435, -23.7041, 15.4108

Details

The CIELCh color $83, 25.644, 148.331$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $76, 25.732, 331.038$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 13.027, 153.897$, and $63, 25.716, 148.159$ is the 20% darker color. If you saturate the color by 10%, you get $81, 38.026, 147.446$, and if you desaturate by 10%, it is $85, 13.187, 149.099$.

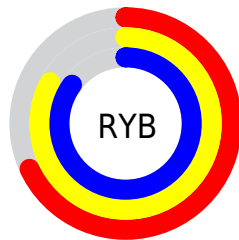
Distribution



Red (68%)

Green (85%)

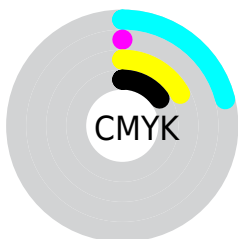
Blue (71%)



Red (68%)

Yellow (83%)

Blue (85%)

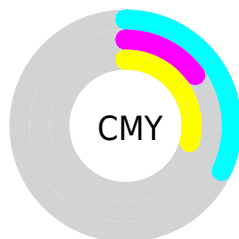


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (32%)


Magenta (15%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 25.644, 148.331 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, 25.644, 148.331 by changing the saturation by 10% instead.


 83, 25.644,
148.331


 83, 25.644,
148.331


 100, 25.644,
148.331


 73, 25.644,
148.331

 63, 25.644,
148.331

 53, 25.644,
148.331

 43, 25.644,
148.331

 33, 25.644,
148.331

 23, 25.644,
148.331

 13, 25.644,

148.331

■ 3, 25.644, 148.331

■ 0, 25.644, 148.331

■ 83, 25.644,
148.331

■ 83, 25.644,
148.331

■ 81, 38.026,
147.446

■ 85, 13.187,
149.099

■ 80, 50.120,
146.422

■ 87, 0.811, 150.123

■ 79, 61.681,
145.244

■ 89, 11.362,
330.259

■ 78, 72.428,
143.908

■ 91, 22.236,
327.270

■ 77, 82.066,

■ 91, 23.356,
325.238

142.430

■ 77, 90.308,
140.856

■ 76, 96.894,
139.275

■ 76, 101.446,
137.951

Harmonies

Complementary

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



83, 25.644, 148.331



76, 25.732, 331.038

Rectangle

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



83, 25.644, 148.331



83, 25.644, 198.331



83, 25.644, 328.331



83, 25.644, 18.331

Sweetspot

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



83, 25.646, 148.331



99, 8.404, 149.430



85, 23.594, 115.206



52, 5.578, 149.383



0, 0.000, 0.000



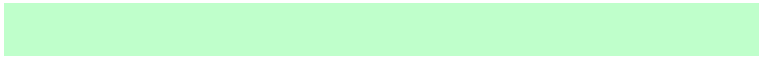
53, 0.007, 296.813

Same Dimension

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



83, 25.646, 148.331



95, 35.277, 147.944



84, 17.822, 171.739



45, 7.054, 149.188



62, 85.121, 138.190



15, 30.777, 143.360

Inverse Universe

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



76, 25.732, 331.038



85, 35.400, 331.335



75, 18.793, 355.771



43, 7.074, 330.314



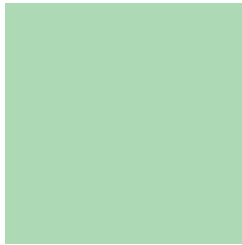
39, 75.402, 336.789



6, 30.492, 335.023

Previews

White Background



This preview shows how the CIELCh color 83, 25.644, 148.331 looks on a white background.

Color Contrast Check

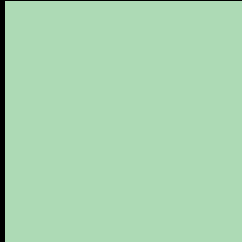
Large Text (above 18pt) WCAG AA × Fail

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, 25.644, 148.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

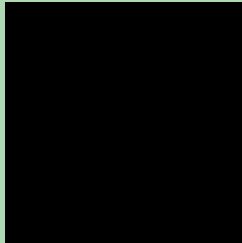
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

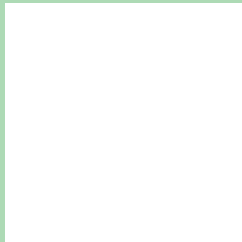
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 25.644, 148.331

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.644, 148.331.

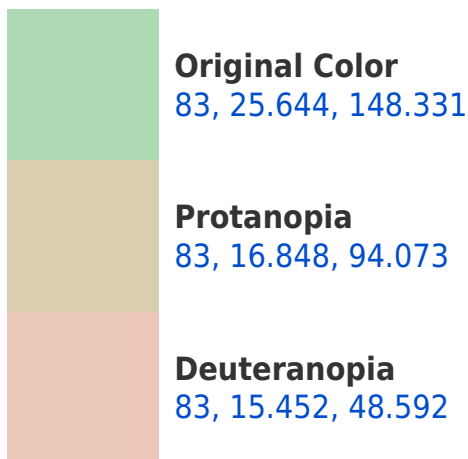


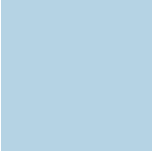
This preview shows how white text looks on a background with the CIELCh color 83, 25.644, 148.331.

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, 13.308, 241.575

Trichromacy



Original Color
83, 25.644, 148.331

Protanomaly
83, 17.680, 119.832

Deuteranomaly
83, 12.313, 98.406

Tritanomaly
83, 12.244, 193.586

Monochromacy



Original Color
83, 25.644, 148.331

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.098, 149.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.644, 148.331 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(173, 218, 181)` looks like.

```
.text, #text, p{  
    color:rgb(173, 218, 181)  
}
```

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(173, 218, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 218, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.644, 148.331 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(173, 218, 181) }
```

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

```
.border{ border-color:rgb(173, 218, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 218, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 218, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 218, 181);  
box-shadow:4px 4px 4px 4px rgb(173, 218,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.644, 148.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 218, 181) }
```

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

```
.background{ background-color: rgb(173,  
218, 181) }
```

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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