

Converting Colors

CIELCh(88, 33.219, 143.819)

Have a look what the booklet for
CIELCh(88, 33.219, 143.819)
contains.

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Color

CIELCh(88, 33.341, 143.445)

Conversions

Conversions Part 1

Format	Color
Hex	B5EAB6
RGB	181, 234, 182
RGB Percent	71%, 92%, 71%
CMY	0.2901, 0.0822, 0.2862
CMYK	0.23, 0.00, 0.22, 0.08
HSL	121°, 56%, 81%
HSV	121°, 23%, 92%
XYZ	56.9379, 72.0653, 55.1779
YIQ	212.2250, -14.8960, -27.4080

Conversions

Conversions Part 2

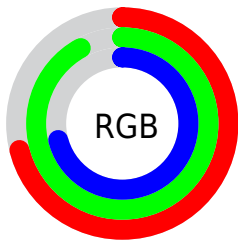
Format	Color
RYB	181, 233, 234
Decimal	11922102
CIELab	88.00, -26.78, 19.86
CIELCh	88, 33.341, 143.445
Yxy	72.0653, 0.3091, 0.3913
Android (android.graphics.Color)	4290112182 (0xFFB5EAB6)
YUV	212.2250, -14.9009, -27.3843
Hunter-Lab	84.8913, -28.8371, 20.8864

Details

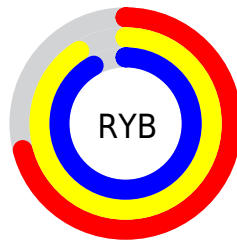
The CIELCh color **88, 33.341, 143.445** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 33.363, 326.194**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.581, 144.084**, and **68, 33.288, 143.534** is the 20% darker color. If you saturate the color by 10%, you get **86, 47.963, 142.583**, and if you desaturate by 10%, it is **90, 18.563, 144.188**.

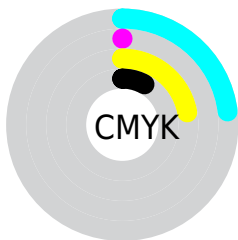
Distribution



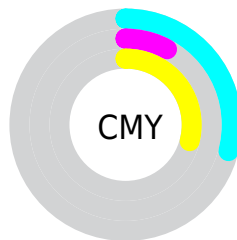
- Red (71%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)





- Cyan (29%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 33.341, 143.445 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 88, 33.341, 143.445 by changing the saturation by 10% instead.


 88, 33.341,
143.445


 88, 33.341,
143.445


 100, 33.341,
143.445


 78, 33.341,
143.445

 68, 33.341,
143.445

 58, 33.341,
143.445

 48, 33.341,
143.445

 38, 33.341,
143.445


 28, 33.341,
143.445

 18, 33.341,


143.445


 8, 33.341, 143.445


 0, 33.341, 143.445

 88, 33.341,
143.445


 88, 33.341,
143.445


 86, 47.963,
142.583


 90, 18.563,
144.188


 85, 62.122,
141.595

 92, 3.853, 144.874

 84, 75.435,
140.491

 94, 10.624,
325.298

 83, 87.433,
139.316

 95, 13.090,
324.873

 82, 97.573,

138.154

■ 82, 105.283,
137.138

■ 81, 110.121,
136.412

■ 81, 111.937,
136.130

Harmonies

Complementary

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



88, 33.341, 143.445



80, 33.363, 326.194

Rectangle

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



88, 33.341, 143.445



88, 33.341, 193.445



88, 33.341, 323.445



88, 33.341, 13.445

Sweetspot

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



88, 33.343, 143.445



98, 10.971, 144.565



91, 27.157, 108.692



52, 7.132, 144.525



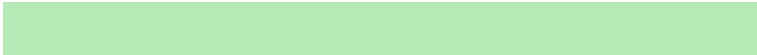
0, 0.000, 0.000



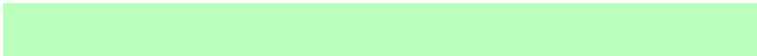
53, 0.007, 296.813

Same Dimension

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



88, 33.343, 143.445



94, 42.603, 143.075



89, 23.064, 162.515



48, 8.337, 144.404



64, 92.267, 136.173



18, 37.876, 138.599

Inverse Universe

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



80, 33.363, 326.194



84, 42.612, 326.441



79, 23.785, 346.617



46, 8.350, 325.450



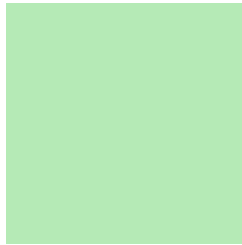
43, 88.056, 328.994



9, 37.789, 328.881

Previews

White Background



This preview shows how the CIELCh color 88, 33.341, 143.445 looks on a white background.

Color Contrast Check

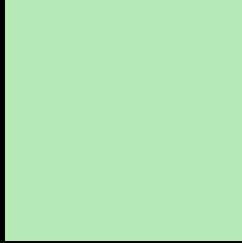
Large Text (above 18pt) WCAG AA × Fail

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 88, 33.341, 143.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

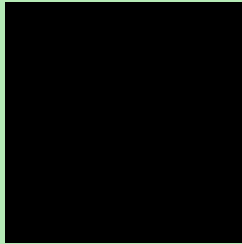
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

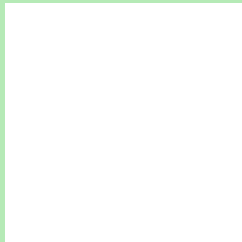
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 33.341, 143.445

Background



This preview shows how black text looks on a background with the CIELCh color 88, 33.341, 143.445.

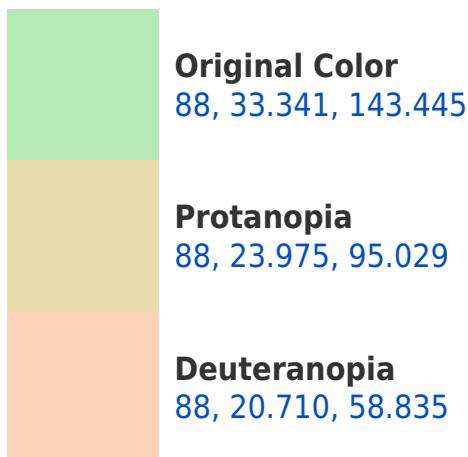


This preview shows how white text looks on a background with the CIELCh color 88, 33.341, 143.445.

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



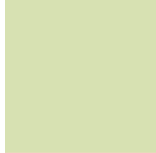


Tritanopia
88, 14.442, 239.634

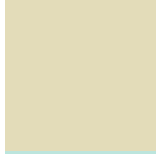
Trichromacy



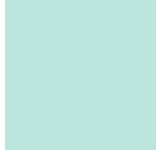
Original Color
88, 33.341, 143.445



Protanomaly
88, 24.617, 117.085

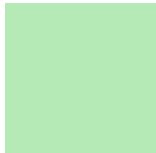


Deuteranomaly
87, 18.371, 100.254

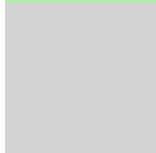


Tritanomaly
88, 14.860, 182.038

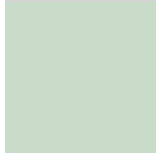
Monochromacy



Original Color
88, 33.341, 143.445



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 12.179, 143.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 33.341, 143.445 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(181, 234, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 234, 182)  
}
```

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(181, 234, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 234, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 33.341, 143.445 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(181, 234, 182) }
```

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

```
.border{ border-color:rgb(181, 234, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 234, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 234, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 234, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 234,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 33.341, 143.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 234, 182) }
```

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

```
.background{ background-color: rgb(181,  
234, 182) }
```

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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