

Converting Colors

CIELCh(88, 32.437, 145.353)

Have a look what the booklet for
CIELCh(88, 32.437, 145.353)
contains.

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Color

CIELCh(88, 32.282, 145.473)

Conversions

Conversions Part 1

Format	Color
Hex	B4EAB9
RGB	180, 234, 185
RGB Percent	71%, 92%, 73%
CMY	0.2940, 0.0823, 0.2744
CMYK	0.23, 0.00, 0.21, 0.08
HSL	126°, 56%, 81%
HSV	126°, 23%, 92%
XYZ	57.0135, 72.0653, 56.8138
YIQ	212.2680, -16.4550, -26.6870

Conversions

Conversions Part 2

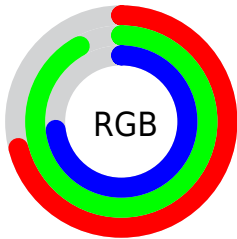
Format	Color
RYB	180, 229, 234
Decimal	11856569
CIELab	88.00, -26.60, 18.30
CIElCh	88, 32.282, 145.473
Yxy	72.0653, 0.3067, 0.3877
Android (android.graphics.Color)	4290046649 (0xFFB4EAB9)
YUV	212.2680, -13.4431, -28.2990
Hunter-Lab	84.8913, -28.6781, 19.7439

Details

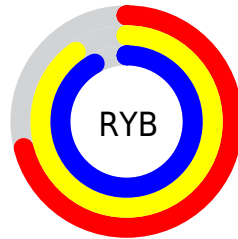
The CIELCh color **88, 32.282, 145.473** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 32.329, 328.383**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.583, 150.893**, and **68, 32.182, 145.663** is the 20% darker color. If you saturate the color by 10%, you get **86, 46.181, 144.583**, and if you desaturate by 10%, it is **90, 18.240, 146.240**.

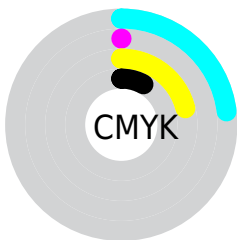
Distribution



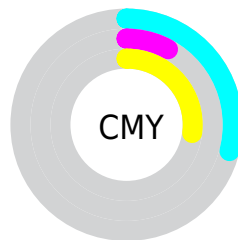
- Red (71%)
- Green (92%)
- Blue (73%)



- Red (71%)
- Yellow (90%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)





- Cyan (29%)
- Magenta (8%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 32.282, 145.473 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, 32.282, 145.473 by changing the saturation by 10% instead.


 88, 32.282,
145.473


 88, 32.282,
145.473


 100, 32.282,
145.473


 78, 32.282,
145.473

 68, 32.282,
145.473

 58, 32.282,
145.473

 48, 32.282,
145.473

 38, 32.282,
145.473


 28, 32.282,
145.473


 18, 32.282,


145.473


 8, 32.282, 145.473


 0, 32.282, 145.473

 88, 32.282,
145.473

 88, 32.282,
145.473

 86, 46.181,
144.583

 90, 18.240,
146.240


 85, 59.663,
143.556

 92, 4.256, 146.944

 84, 72.404,
142.390

 94, 9.516, 327.388

 83, 84.022,
141.104

 95, 13.094,
324.873

 82, 94.095,

139.753

■ 82, 102.189,
138.431

■ 81, 107.921,
137.272

■ 81, 110.459,
136.677

Harmonies

Complementary

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



88, 32.282, 145.473



80, 32.329, 328.383

Rectangle

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



88, 32.282, 145.473



88, 32.282, 195.473



88, 32.282, 325.473



88, 32.282, 15.473

Sweetspot

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



88, 32.284, 145.473



98, 10.426, 146.658



91, 27.726, 111.507



52, 6.778, 146.617



0, 0.000, 0.000



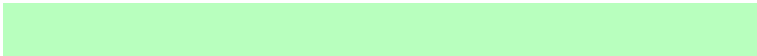
53, 0.007, 296.813

Same Dimension

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



88, 32.284, 145.473



94, 41.981, 145.040



89, 22.343, 166.234



48, 7.922, 146.492



64, 90.790, 136.838



18, 36.481, 139.928

Inverse Universe

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



80, 32.329, 328.383



83, 42.023, 328.682



79, 23.313, 350.645



46, 7.938, 327.571



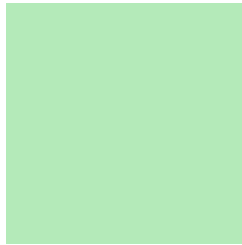
42, 83.111, 332.292



9, 35.969, 331.647

Previews

White Background



This preview shows how the CIELCh color 88, 32.282, 145.473 looks on a white background.

Color Contrast Check

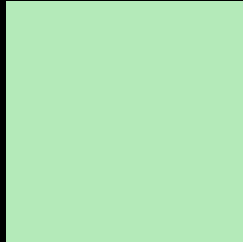
Large Text (above 18pt) WCAG AA × Fail

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 88, 32.282, 145.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

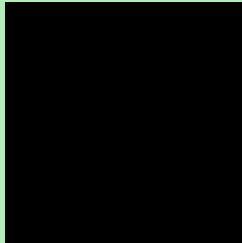
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

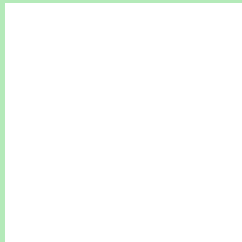
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 32.282, 145.473

Background



This preview shows how black text looks on a background with the CIELCh color 88, 32.282, 145.473.

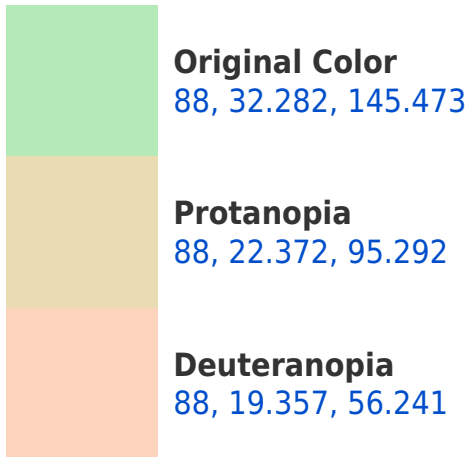


This preview shows how white text looks on a background with the CIELCh color 88, 32.282, 145.473.

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



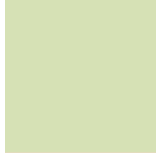


Tritanopia
88, 14.923, 238.040

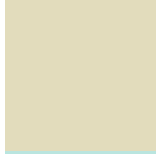
Trichromacy



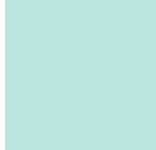
Original Color
88, 32.282, 145.473



Protanomaly
88, 23.170, 118.681

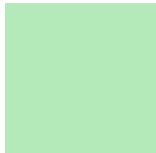


Deuteranomaly
87, 16.778, 100.948

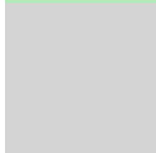


Tritanomaly
88, 15.162, 186.422

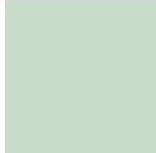
Monochromacy



Original Color
88, 32.282, 145.473



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 11.968, 146.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 32.282, 145.473 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(180, 234, 185)` looks like.

```
.text, #text, p{  
    color:rgb(180, 234, 185)  
}
```

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(180, 234, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 234, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 32.282, 145.473 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(180, 234, 185) }
```

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

```
.border{ border-color:rgb(180, 234, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 234, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 234, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 234, 185);  
box-shadow:4px 4px 4px 4px rgb(180, 234,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 32.282, 145.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 234, 185) }
```

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

```
.background{ background-color: rgb(180,  
234, 185) }
```

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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