

Converting Colors

CIELCh(88, 42.710, 142.862)

Have a look what the booklet for
CIELCh(88, 42.710, 142.862)
contains.

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Color

CIELCh(88, 42.769, 142.827)

Conversions

Conversions Part 1

Format	Color
Hex	A9EDAA
RGB	169, 237, 170
RGB Percent	66%, 93%, 67%
CMY	0.3364, 0.0697, 0.3325
CMYK	0.29, 0.00, 0.28, 0.07
HSL	121°, 66%, 80%
HSV	121°, 29%, 93%
XYZ	54.0317, 72.0653, 49.1956
YIQ	209.0300, -19.0210, -35.2530

Conversions

Conversions Part 2

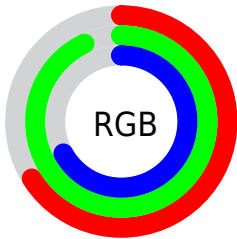
Format	Color
RYB	169, 236, 237
Decimal	11136426
CIELab	88.00, -34.08, 25.84
CIELCh	88, 42.769, 142.827
Yxy	72.0653, 0.3082, 0.4111
Android (android.graphics.Color)	4289326506 (0xFFA9EDAA)
YUV	209.0300, -19.2418, -35.1063
Hunter-Lab	84.8913, -34.9477, 25.0646

Details

The CIELCh color **88, 42.769, 142.827** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 42.771, 326.407**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 18.112, 143.771**, and **68, 43.054, 142.581** is the 20% darker color. If you saturate the color by 10%, you get **86, 57.351, 141.889**, and if you desaturate by 10%, it is **90, 27.850, 143.640**.

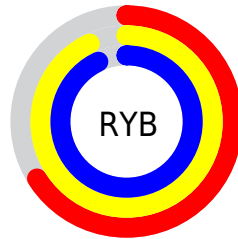
Distribution



Red (66%)

Green (93%)

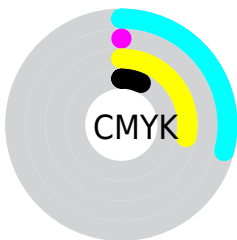
Blue (67%)



Red (66%)

Yellow (93%)

Blue (93%)

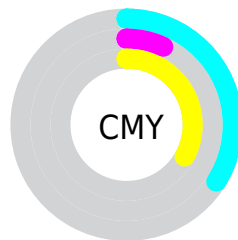


Cyan (29%)

Magenta (0%)

Yellow (28%)

Black (7%)



Cyan (34%)

Magenta (7%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 42.769, 142.827 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, 42.769, 142.827 by changing the saturation by 10% instead.


 88, 42.769,
142.827


 88, 42.769,
142.827


 100, 42.769,
142.827


 78, 42.769,
142.827

 68, 42.769,
142.827

 58, 42.769,
142.827

 48, 42.769,
142.827

 38, 42.769,
142.827

 28, 42.769,
142.827

 18, 42.769,

142.827


 8, 42.769, 142.827


 0, 42.769, 142.827


 88, 42.769,
142.827

 88, 42.769,
142.827

 86, 57.351,
141.889


 90, 27.850,
143.640


 85, 71.233,
140.830


 92, 12.868,
144.342

 84, 83.971,
139.680


 94, 1.971, 324.753


 83, 95.033,
138.508


 96, 11.087,
324.799

 83, 103.833,

137.433

 82, 109.837,
136.603

 82, 112.887,
136.140

 82, 113.164,
136.103

Harmonies

Complementary

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



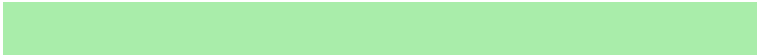
88, 42.769, 142.827



78, 42.771, 326.407

Rectangle

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



88, 42.769, 142.827



88, 42.769, 192.827



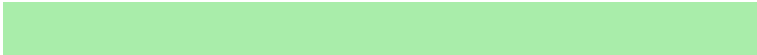
88, 42.769, 322.827



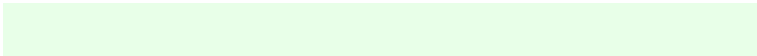
88, 42.769, 12.827

Sweetspot

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



88, 42.771, 142.827



98, 14.169, 144.318



92, 34.628, 107.390



52, 9.856, 144.221



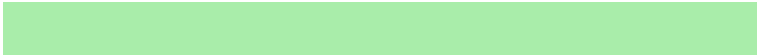
0, 0.000, 0.000



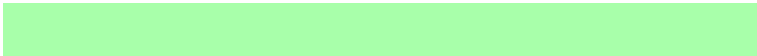
53, 0.007, 296.813

Same Dimension

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



88, 42.771, 142.827



93, 53.655, 142.331



89, 29.783, 160.991



49, 8.510, 144.289



65, 93.315, 136.136



19, 39.390, 138.057

Inverse Universe

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



78, 42.771, 326.407



80, 53.612, 326.698



77, 30.863, 346.316



47, 8.523, 325.336



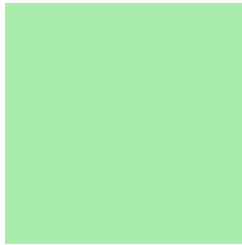
43, 89.270, 328.821



10, 39.032, 328.738

Previews

White Background



This preview shows how the CIELCh color 88, 42.769, 142.827 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, 42.769, 142.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

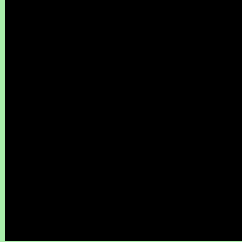
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 42.769, 142.827

Background



This preview shows how black text looks on a background with the CIELCh color 88, 42.769, 142.827.

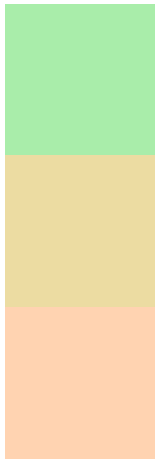


This preview shows how white text looks on a background with the CIELCh color 88, 42.769, 142.827.

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
88, 42.769, 142.827

Protanopia
88, 30.684, 95.664

Deuteranopia
87, 25.023, 64.737

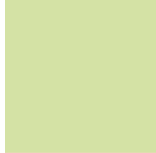


Tritanopia
88, 17.148, 234.208

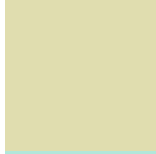
Trichromacy



Original Color
88, 42.769, 142.827



Protanomaly
88, 31.902, 117.363

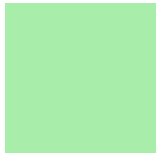


Deuteranomaly
87, 23.863, 105.370

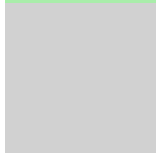


Tritanomaly
88, 19.548, 177.700

Monochromacy



Original Color
88, 42.769, 142.827



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 15.421, 143.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 42.769, 142.827 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(169, 237, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 237, 170)  
}
```

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(169, 237, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 237, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 42.769, 142.827 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(169, 237, 170) }
```

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

```
.border{ border-color:rgb(169, 237, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 237, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 237, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 237, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 237,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 42.769, 142.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 237, 170) }
```

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

```
.background{ background-color: rgb(169,  
237, 170) }
```

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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