

Converting Colors

CIELCh(88, 41.499, 144.025)

Have a look what the booklet for
CIELCh(88, 41.499, 144.025)
contains.

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Color

CIELCh(88, 41.499, 144.025)

Conversions

Conversions Part 1

Format	Color
Hex	A9EDAD
RGB	169, 237, 173
RGB Percent	66%, 93%, 68%
CMY	0.3370, 0.0703, 0.3213
CMYK	0.29, 0.00, 0.27, 0.07
HSL	124°, 65%, 80%
HSV	124°, 29%, 93%
XYZ	54.2257, 72.0653, 50.6171
YIQ	209.3720, -19.9840, -34.3200

Conversions

Conversions Part 2

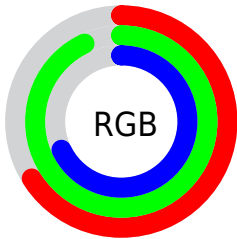
Format	Color
RYB	169, 233, 237
Decimal	11136429
CIELab	88.00, -33.58, 24.38
CIELCh	88, 41.499, 144.025
Yxy	72.0653, 0.3065, 0.4074
Android (android.graphics.Color)	4289326509 (0xFFA9EDAD)
YUV	209.3720, -17.9314, -35.4062
Hunter-Lab	84.8913, -34.5400, 24.0717

Details

The CIELCh color **88, 41.499, 144.025** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 41.517, 327.683**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.862, 146.681**, and **68, 41.736, 143.830** is the 20% darker color. If you saturate the color by 10%, you get **86, 55.662, 143.071**, and if you desaturate by 10%, it is **90, 27.028, 144.849**.

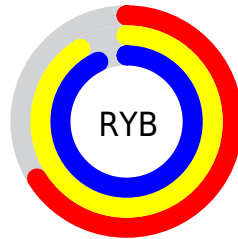
Distribution



Red (66%)

Green (93%)

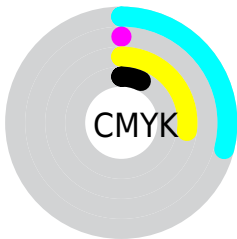
Blue (68%)



Red (66%)

Yellow (91%)

Blue (93%)

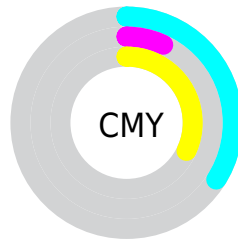


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (7%)



Cyan (34%)

Magenta (7%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 41.499, 144.025 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, 41.499, 144.025 by changing the saturation by 10% instead.


 88, 41.499,
144.025

 88, 41.499,
144.025


 100, 41.499,
144.025


 78, 41.499,
144.025

 68, 41.499,
144.025

 58, 41.499,
144.025

 48, 41.499,
144.025

 38, 41.499,
144.025


 28, 41.499,
144.025

 18, 41.499,


144.025

 8, 41.499, 144.025


 0, 41.499, 144.025


 88, 41.499,
144.025


 88, 41.499,
144.025

 86, 55.662,
143.071


 90, 27.028,
144.849


 85, 69.186,
141.984


 92, 12.501,
145.562

 84, 81.676,
140.781

 94, 1.886, 325.968

 83, 92.674,
139.512

 96, 11.187,
324.803

 83, 101.680,

138.272

■ 82, 108.219,
137.193

■ 82, 112.034,
136.432

■ 82, 112.359,
136.376

Harmonies

Complementary

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



88, 41.499, 144.025



77, 41.517, 327.683

Rectangle

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



88, 41.499, 144.025



88, 41.499, 194.025



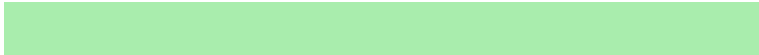
88, 41.499, 324.025



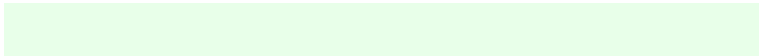
88, 41.499, 14.025

Sweetspot

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



88, 41.501, 144.025



98, 13.745, 145.539



92, 34.662, 109.579



52, 9.561, 145.439



0, 0.000, 0.000



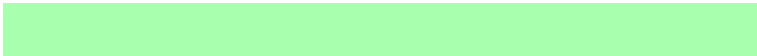
53, 0.007, 296.813

Same Dimension

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



88, 41.501, 144.025



93, 52.069, 143.522



89, 28.644, 163.698



48, 8.111, 145.510



64, 91.530, 136.503



18, 37.117, 139.306

Inverse Universe

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



77, 41.517, 327.683



80, 52.044, 327.989



76, 29.977, 349.255



46, 8.125, 326.572



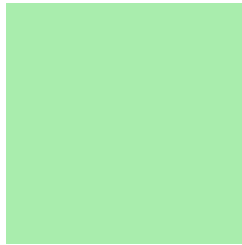
42, 85.341, 330.716



9, 36.792, 330.332

Previews

White Background



This preview shows how the CIELCh color 88, 41.499, 144.025 looks on a white background.

Color Contrast Check

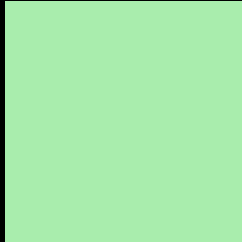
Large Text (above 18pt) WCAG AA × Fail

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, 41.499, 144.025 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, 41.499, 144.025

Background



This preview shows how black text looks on a background with the CIELCh color 88, 41.499, 144.025.



This preview shows how white text looks on a background with the CIELCh color 88, 41.499, 144.025.

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



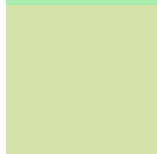


Tritanopia
88, 17.391, 231.487

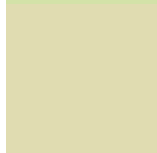
Trichromacy



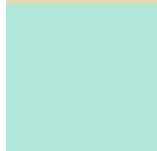
Original Color
88, 41.499, 144.025



Protanomaly
88, 30.481, 118.641



Deuteranomaly
87, 22.363, 104.322

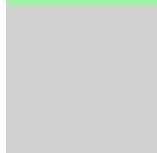


Tritanomaly
88, 19.630, 179.397

Monochromacy



Original Color
88, 41.499, 144.025



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 15.207, 145.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 41.499, 144.025 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(169, 237, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 237, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 41.499, 144.025 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, 173) }
```

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

```
.border{ border-color:rgb(169, 237, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 237, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 237, 173);  
box-shadow:4px 4px 4px 4px rgb(169, 237,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 41.499, 144.025 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, 173) }
```

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

```
.background{ background-color: rgb(169,  
237, 173) }
```

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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