

Converting Colors

CIELCh(89, 43.129, 142.463)

Have a look what the booklet for
CIELCh(89, 43.129, 142.463)
contains.

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Color

CIELCh(89, 43.096, 142.472)

Conversions

Conversions Part 1

Format	Color
Hex	ACF0AC
RGB	172, 240, 172
RGB Percent	67%, 94%, 67%
CMY	0.3250, 0.0583, 0.3250
CMYK	0.28, 0.00, 0.28, 0.06
HSL	120°, 70%, 81%
HSV	120°, 28%, 94%
XYZ	55.6968, 74.1641, 50.4704
YIQ	211.9160, -18.7000, -35.5640

Conversions

Conversions Part 2

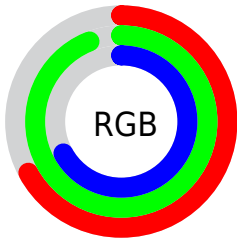
Format	Color
RYB	172, 240, 240
Decimal	11333804
CIELab	89.00, -34.18, 26.25
CIELCh	89, 43.096, 142.472
Yxy	74.1641, 0.3089, 0.4113
Android (android.graphics.Color)	4289523884 (0xFFACF0AC)
YUV	211.9160, -19.6786, -35.0063
Hunter-Lab	86.1186, -35.2635, 25.5357

Details

The CIELCh color **89, 43.096, 142.472** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 43.097, 325.985**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 16.651, 142.864**, and **69, 43.378, 142.233** is the 20% darker color. If you saturate the color by 10%, you get **87, 57.976, 141.543**, and if you desaturate by 10%, it is **91, 27.876, 143.278**.

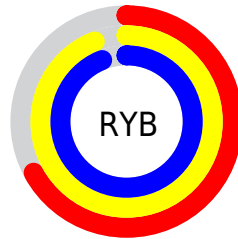
Distribution



Red (67%)

Green (94%)

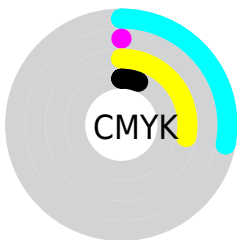
Blue (67%)



Red (67%)

Yellow (94%)

Blue (94%)

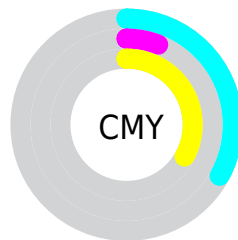


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (6%)



Cyan (33%)

Magenta (6%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 43.096, 142.472 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 89, 43.096, 142.472 by changing the saturation by 10% instead.

 89, 43.096,
142.472

 89, 43.096,
142.472

 100, 43.096,
142.472


 79, 43.096,
142.472

 69, 43.096,
142.472

 59, 43.096,
142.472

 49, 43.096,
142.472

 39, 43.096,
142.472

 29, 43.096,
142.472

 19, 43.096,

142.472


 9, 43.096, 142.472


 0, 43.096, 142.472


 89, 43.096,
142.472


 89, 43.096,
142.472

 87, 57.976,
141.543

 91, 27.876,
143.278

 86, 72.139,
140.496


 93, 12.597,
143.975

 85, 85.119,
139.366


 95, 2.531, 324.414


 96, 9.267, 324.731


 84, 96.357,
138.228

 84, 105.228,

137.207

 83, 111.174,
136.455

 83, 114.100,
136.064

 83, 114.453,
136.016

Harmonies

Complementary

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



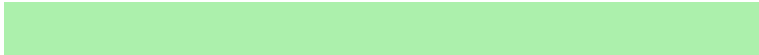
89, 43.096, 142.472



79, 43.097, 325.985

Rectangle

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



89, 43.096, 142.472



89, 43.096, 192.472



89, 43.096, 322.472



89, 43.096, 12.472

Sweetspot

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



89, 43.098, 142.472



98, 12.711, 143.995



93, 34.020, 106.711



52, 9.043, 143.895



0, 0.000, 0.000



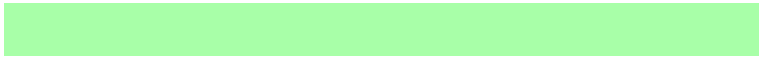
53, 0.007, 296.813

Same Dimension

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



89, 43.098, 142.472



93, 54.182, 141.950



90, 30.112, 160.167



49, 8.595, 143.899



65, 93.587, 136.016



19, 39.681, 137.801

Inverse Universe

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



79, 43.097, 325.985



80, 54.137, 326.289



78, 31.103, 345.342



47, 8.608, 324.942



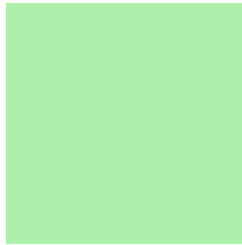
44, 90.297, 328.231



10, 39.418, 328.231

Previews

White Background



This preview shows how the CIELCh color 89, 43.096, 142.472 looks on a white background.

Color Contrast Check

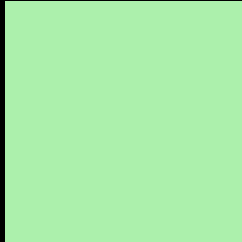
Large Text (above 18pt) WCAG AA × Fail

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 89, 43.096, 142.472 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 89, 43.096, 142.472

Background



This preview shows how black text looks on a background with the CIELCh color 89, 43.096, 142.472.

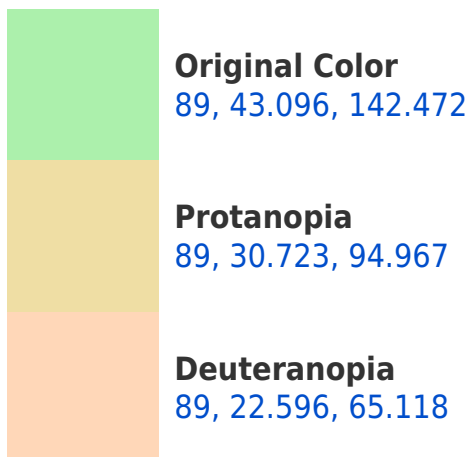


This preview shows how white text looks on a background with the CIELCh color 89, 43.096, 142.472.

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
89, 17.122, 234.172

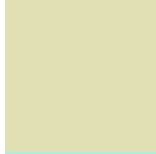
Trichromacy



Original Color
89, 43.096, 142.472



Protanomaly
89, 32.326, 117.203

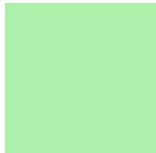


Deuteranomaly
88, 22.759, 107.306

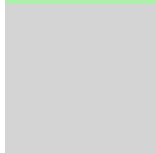


Tritanomaly
89, 19.510, 177.729

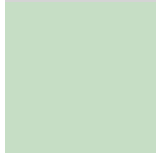
Monochromacy



Original Color
89, 43.096, 142.472



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 15.817, 142.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 43.096, 142.472 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(172, 240, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 240, 172)  
}
```

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(172, 240, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 240, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 43.096, 142.472 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(172, 240, 172) }
```

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

```
.border{ border-color:rgb(172, 240, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 240, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 240, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 240, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 240,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 43.096, 142.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 240, 172) }
```

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

```
.background{ background-color: rgb(172,  
240, 172) }
```

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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