

Converting Colors

CIELCh(88, 40.027, 143.785)

Have a look what the booklet for
CIELCh(88, 40.027, 143.785)
contains.

CIELCh(88, 39.425, 143.832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 39.425, 143.832)

Conversions

Conversions Part 1

Format	Color
Hex	ACECAF
RGB	172, 236, 175
RGB Percent	67%, 93%, 69%
CMY	0.3244, 0.0734, 0.3126
CMYK	0.27, 0.00, 0.26, 0.07
HSL	123°, 63%, 80%
HSV	123°, 27%, 93%
XYZ	54.9177, 72.0653, 51.7139
YIQ	209.9100, -18.5630, -32.5390

Conversions

Conversions Part 2

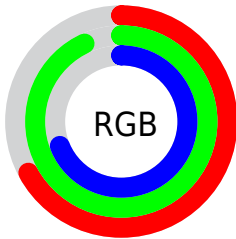
Format	Color
RYB	172, 233, 236
Decimal	11332783
CIELab	88.00, -31.83, 23.27
CIELCh	88, 39.425, 143.832
Yxy	72.0653, 0.3073, 0.4033
Android (android.graphics.Color)	4289522863 (0xFFACECAF)
YUV	209.9100, -17.2106, -33.2471
Hunter-Lab	84.8913, -33.0849, 23.3057

Details

The CIELCh color **88, 39.425, 143.832** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 39.444, 327.238**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.390, 145.978**, and **68, 39.601, 143.708** is the 20% darker color. If you saturate the color by 10%, you get **86, 53.734, 142.904**, and if you desaturate by 10%, it is **90, 24.849, 144.633**.

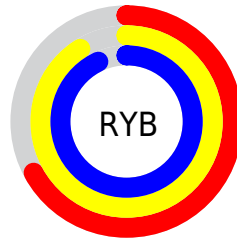
Distribution



Red (67%)

Green (93%)

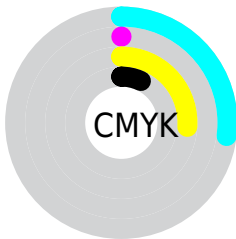
Blue (69%)



Red (67%)

Yellow (91%)

Blue (93%)

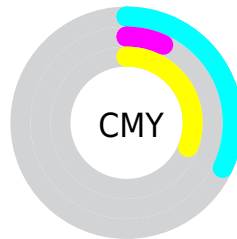


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (7%)



Cyan (32%)


Magenta (7%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 39.425, 143.832 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, 39.425, 143.832 by changing the saturation by 10% instead.


 88, 39.425,
143.832


 88, 39.425,
143.832


 100, 39.425,
143.832


 78, 39.425,
143.832

 68, 39.425,
143.832

 58, 39.425,
143.832

 48, 39.425,
143.832

 38, 39.425,
143.832


 28, 39.425,
143.832


 18, 39.425,


143.832

 8, 39.425, 143.832


 0, 39.425, 143.832


 88, 39.425,
143.832


 88, 39.425,
143.832

 86, 53.734,
142.904


 90, 24.849,
144.633


 85, 67.448,
141.845


 92, 10.250,
145.330

 84, 80.174,
140.671

 94, 4.182, 325.803

 83, 91.446,
139.430

 95, 11.671,
324.821

 83, 100.747,

138.216

■ 82, 107.571,
137.163

■ 82, 111.601,
136.413

■ 82, 112.301,
136.295

Harmonies

Complementary

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



88, 39.425, 143.832



78, 39.444, 327.238

Rectangle

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



88, 39.425, 143.832



88, 39.425, 193.832



88, 39.425, 323.832



88, 39.425, 13.832

Sweetspot

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



88, 39.427, 143.832



98, 12.311, 145.267



92, 32.666, 108.997



52, 8.759, 145.166



0, 0.000, 0.000



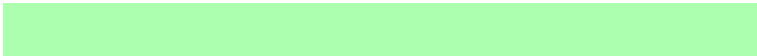
53, 0.007, 296.813

Same Dimension

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



88, 39.427, 143.832



93, 50.983, 143.287



89, 27.369, 162.948



48, 8.179, 145.171



64, 91.750, 136.404



18, 37.344, 139.090

Inverse Universe

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



78, 39.444, 327.238



80, 50.962, 327.574



77, 28.479, 348.072



46, 8.193, 326.228



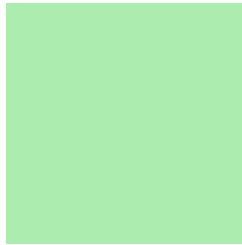
43, 86.149, 330.182



9, 37.089, 329.884

Previews

White Background



This preview shows how the CIELCh color 88, 39.425, 143.832 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, 39.425, 143.832 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, 39.425, 143.832

Background



This preview shows how black text looks on a background with the CIELCh color 88, 39.425, 143.832.

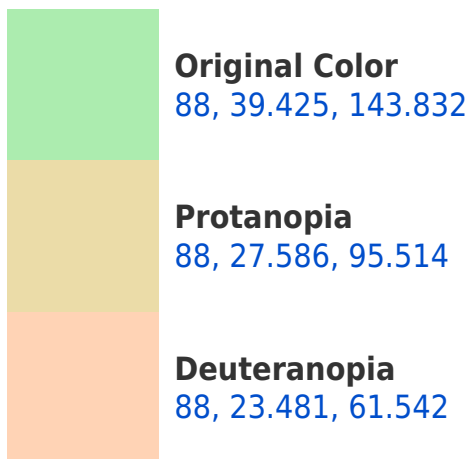


This preview shows how white text looks on a background with the CIELCh color 88, 39.425, 143.832.

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



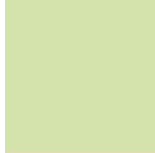


Tritanopia
88, 16.393, 233.854

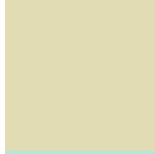
Trichromacy



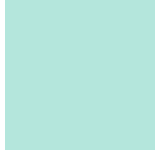
Original Color
88, 39.425, 143.832



Protanomaly
88, 28.905, 118.560



Deuteranomaly
87, 21.364, 103.197

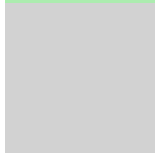


Tritanomaly
88, 18.023, 181.281

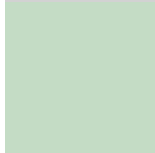
Monochromacy



Original Color
88, 39.425, 143.832



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 14.975, 144.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 39.425, 143.832 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, 236, 175)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 175)  
}
```

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, 236, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 39.425, 143.832 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, 236, 175) }
```

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

```
.border{ border-color:rgb(172, 236, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 175);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 39.425, 143.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 175) }
```

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

```
.background{ background-color: rgb(172,  
236, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor