

Converting Colors

CIELCh(87, 38.503, 143.686)

Have a look what the booklet for
CIELCh(87, 38.503, 143.686)
contains.

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Color

CIELCh(87, 38.674, 143.478)

Conversions

Conversions Part 1

Format	Color
Hex	ABE9AD
RGB	171, 233, 173
RGB Percent	67%, 91%, 68%
CMY	0.3291, 0.0860, 0.3213
CMYK	0.27, 0.00, 0.26, 0.09
HSL	122°, 59%, 79%
HSV	122°, 27%, 91%
XYZ	53.5203, 70.0064, 50.2628
YIQ	207.6220, -17.6920, -31.8040

Conversions

Conversions Part 2

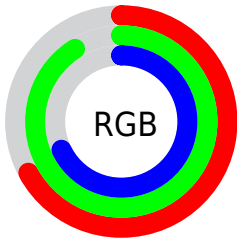
Format	Color
RYB	171, 231, 233
Decimal	11266477
CIELab	87.00, -31.08, 23.02
CIELCh	87, 38.674, 143.478
Yxy	70.0064, 0.3080, 0.4028
Android (android.graphics.Color)	4289456557 (0xFFABE9AD)
YUV	207.6220, -17.0686, -32.1175
Hunter-Lab	83.6698, -32.2427, 22.9517

Details

The CIELCh color **87, 38.674, 143.478** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 38.690, 326.789**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.646, 145.764**, and **67, 38.841, 143.361** is the 20% darker color. If you saturate the color by 10%, you get **85, 52.982, 142.562**, and if you desaturate by 10%, it is **89, 24.108, 144.269**.

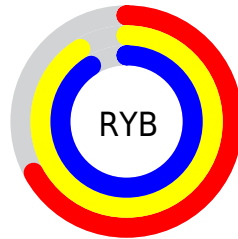
Distribution



Red (67%)

Green (91%)

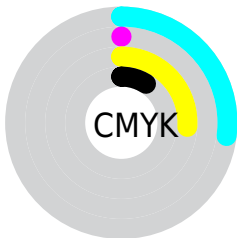
Blue (68%)



Red (67%)

Yellow (91%)

Blue (91%)

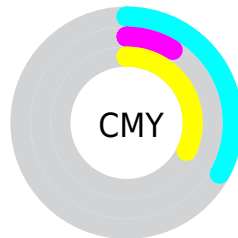


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (9%)



Cyan (33%)

Magenta (9%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 38.674, 143.478 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 87, 38.674, 143.478 by changing the saturation by 10% instead.

 87, 38.674,
143.478

 87, 38.674,
143.478


 100, 38.674,
143.478


 77, 38.674,
143.478

 67, 38.674,
143.478

 57, 38.674,
143.478

 47, 38.674,
143.478

 37, 38.674,
143.478

 27, 38.674,
143.478

 17, 38.674,


143.478

 7, 38.674, 143.478


 0, 38.674, 143.478

 87, 38.674,
143.478


 87, 38.674,
143.478

 85, 52.982,
142.562


 89, 24.108,
144.269


 84, 66.704,
141.518

 91, 9.530, 144.958

 83, 79.439,
140.365


 93, 4.875, 325.433


 95, 13.686,
324.894


 82, 90.710,
139.155

 82, 99.982,

137.987

 81, 106.726,
136.997

 81, 110.620,
136.324

 81, 111.373,
136.212

Harmonies

Complementary

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



87, 38.674, 143.478



77, 38.690, 326.789

Rectangle

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



87, 38.674, 143.478



87, 38.674, 193.478



87, 38.674, 323.478



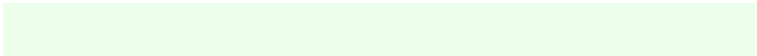
87, 38.674, 13.478

Sweetspot

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



87, 38.676, 143.478



98, 12.435, 144.863



91, 31.724, 108.319



52, 8.847, 144.762



0, 0.000, 0.000



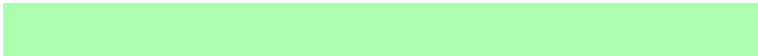
53, 0.007, 296.813

Same Dimension

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



87, 38.676, 143.478



93, 49.957, 142.986



88, 26.934, 162.099



48, 8.261, 144.767



64, 92.018, 136.284



18, 37.621, 138.832

Inverse Universe

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



77, 38.690, 326.789



81, 49.938, 327.094



77, 27.922, 347.041



46, 8.275, 325.819



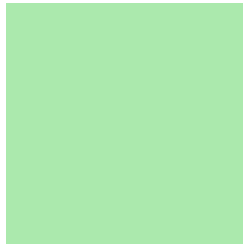
43, 87.139, 329.553



9, 37.453, 329.354

Previews

White Background



This preview shows how the CIELCh color 87, 38.674, 143.478 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 87, 38.674, 143.478 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 87, 38.674, 143.478

Background



This preview shows how black text looks on a background with the CIELCh color 87, 38.674, 143.478.

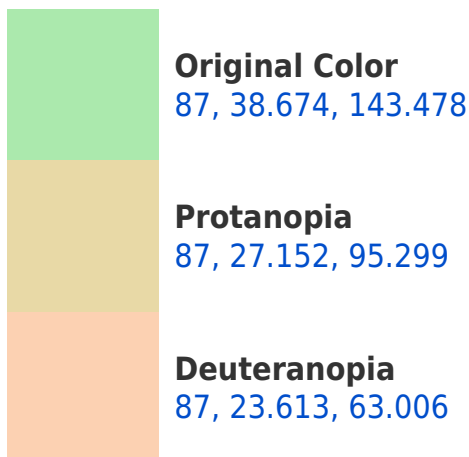


This preview shows how white text looks on a background with the CIELCh color 87, 38.674, 143.478.

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



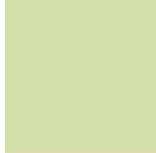


Tritanopia
87, 16.169, 234.527

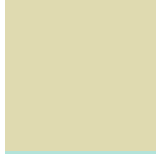
Trichromacy



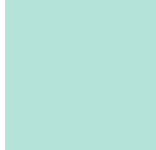
Original Color
87, 38.674, 143.478



Protanomaly
87, 28.396, 118.007

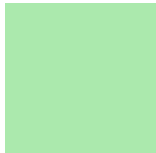


Deuteranomaly
86, 21.914, 103.248

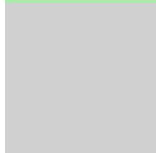


Tritanomaly
87, 17.444, 180.693

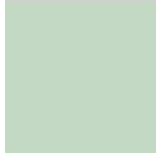
Monochromacy



Original Color
87, 38.674, 143.478



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 14.153, 143.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 38.674, 143.478 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(171, 233, 173)` looks like.

```
.text, #text, p{  
    color:rgb(171, 233, 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(171, 233, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 233, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 38.674, 143.478 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(171, 233, 173) }
```

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

```
.border{ border-color:rgb(171, 233, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 233, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 233, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 233, 173);  
box-shadow:4px 4px 4px 4px rgb(171, 233,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 38.674, 143.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 233, 173) }
```

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

```
.background{ background-color: rgb(171,  
233, 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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