

Converting Colors

CIELCh(87, 27.172, 159.573)

Have a look what the booklet for
CIELCh(87, 27.172, 159.573)
contains.

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Color

CIELCh(87, 27.152, 159.584)

Conversions

Conversions Part 1

Format	Color
Hex	ABE7C7
RGB	171, 231, 199
RGB Percent	67%, 91%, 78%
CMY	0.3290, 0.0937, 0.2192
CMYK	0.26, 0.00, 0.14, 0.09
HSL	148°, 56%, 79%
HSV	148°, 26%, 91%
XYZ	55.7409, 70.0064, 64.6676
YIQ	209.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

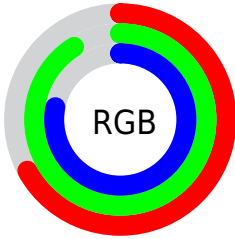
Format	Color
RYB	171, 212, 231
Decimal	11265991
CIELab	87.00, -25.45, 9.47
CIELCh	87, 27.152, 159.584
Yxy	70.0064, 0.2927, 0.3677
Android (android.graphics.Color)	4289456071 (0xFFABE7C7)
YUV	209.4120, -5.1331, -33.6873
Hunter-Lab	83.6698, -27.5053, 12.7442

Details

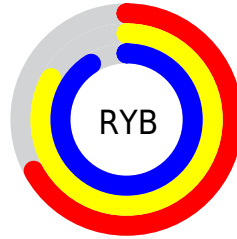
The CIELCh color **87, 27.152, 159.584** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76, 27.905, 344.174**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **67, 27.168, 159.677** is the 20% darker color. If you saturate the color by 10%, you get **86, 37.318, 158.476**, and if you desaturate by 10%, it is **89, 16.746, 160.570**.

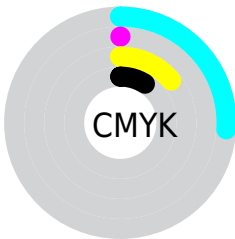
Distribution



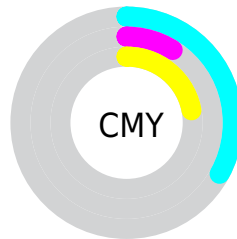
- Red (67%)
- Green (91%)
- Blue (78%)



- Red (67%)
- Yellow (83%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (14%)
- Black (9%)




- Cyan (33%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 27.152, 159.584 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, 27.152, 159.584 by changing the saturation by 10% instead.

 87, 27.152,
159.584

 87, 27.152,
159.584


 100, 27.152,
159.584

 77, 27.152,
159.584

 67, 27.152,
159.584

 57, 27.152,
159.584

 47, 27.152,
159.584

 37, 27.152,
159.584

 27, 27.152,
159.584

 17, 27.152,


159.584


 7, 27.152, 159.584


 0, 27.152, 159.584

 87, 27.152,
159.584


 87, 27.152,
159.584

 86, 37.318,
158.476


 89, 16.746,
160.570


 84, 47.066,
157.222

 90, 6.247, 161.487


 83, 56.214,
155.796

 93, 4.220, 342.098

 82, 64.590,
154.174

 94, 12.306,
333.929

 82, 72.058,

 94, 14.925,
324.939

152.341

■ 81, 78.548,
150.296

■ 81, 84.080,
148.070

■ 81, 86.130,
147.176

Harmonies

Complementary

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



87, 27.152, 159.584



76, 27.905, 344.174

Rectangle

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



87, 27.152, 159.584



87, 27.152, 209.584



87, 27.152, 339.584



87, 27.152, 29.584

Sweetspot

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



87, 27.154, 159.583



98, 9.081, 161.295



88, 32.587, 126.053



52, 6.456, 161.158



0, 0.000, 0.000



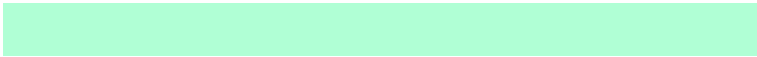
53, 0.007, 296.813

Same Dimension

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



87, 27.154, 159.583



94, 34.991, 159.024



88, 20.054, 193.562



47, 5.921, 161.167



64, 70.375, 147.591



18, 27.111, 151.796

Inverse Universe

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



76, 27.905, 344.174



80, 36.136, 344.718



76, 23.511, 17.594



45, 5.987, 342.621



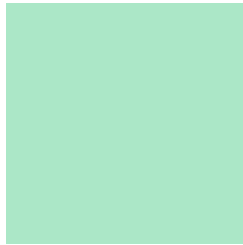
38, 65.324, 358.758



7, 27.971, 352.448

Previews

White Background



This preview shows how the CIELCh color 87, 27.152, 159.584 looks on a white background.

Color Contrast Check

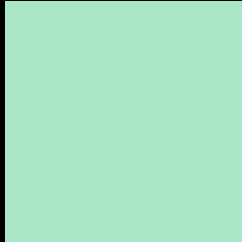
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 27.152, 159.584 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

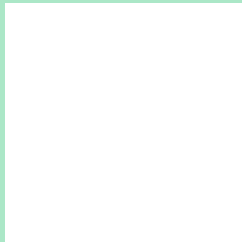
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 27.152, 159.584

Background



This preview shows how black text looks on a background with the CIELCh color 87, 27.152, 159.584.

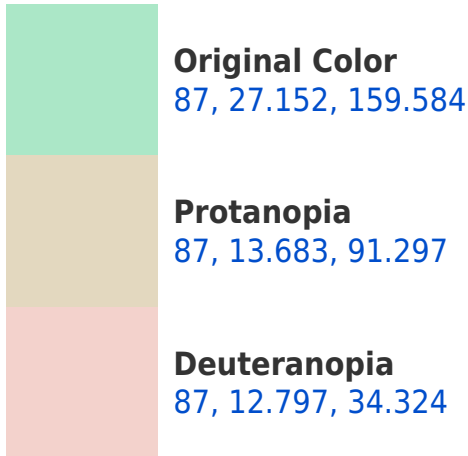


This preview shows how white text looks on a background with the CIELCh color 87, 27.152, 159.584.

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



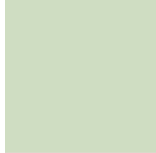


Tritanopia
87, 17.163, 232.083

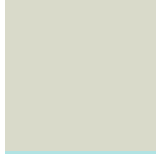
Trichromacy



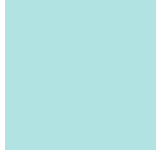
Original Color
87, 27.152, 159.584



Protanomaly
86, 15.040, 129.183

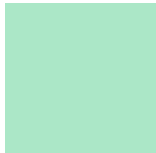


Deuteranomaly
87, 8.355, 112.000

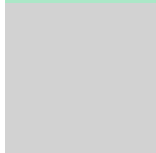


Tritanomaly
87, 16.803, 198.292

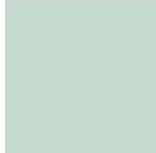
Monochromacy



Original Color
87, 27.152, 159.584



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 10.182, 160.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 27.152, 159.584 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, 231, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 231, 199)  
}
```

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, 231, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 231, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 27.152, 159.584 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, 231, 199) }
```

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

```
.border{ border-color:rgb(171, 231, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 231, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 231, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 231, 199);  
box-shadow:4px 4px 4px 4px rgb(171, 231,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 27.152, 159.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 231, 199) }
```

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

```
.background{ background-color: rgb(171,  
231, 199) }
```

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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