

Converting Colors

CIELCh(87, 28.746, 155.739)

Have a look what the booklet for
CIELCh(87, 28.746, 155.739)
contains.

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Color

CIELCh(87, 28.346, 156.015)

Conversions

Conversions Part 1

Format	Color
Hex	ACE7C3
RGB	172, 231, 195
RGB Percent	67%, 91%, 76%
CMY	0.3247, 0.0933, 0.2345
CMYK	0.26, 0.00, 0.16, 0.09
HSL	143°, 55%, 79%
HSV	143°, 26%, 91%
XYZ	55.5605, 70.0064, 62.3295
YIQ	209.2550, -23.6080, -23.7040

Conversions

Conversions Part 2

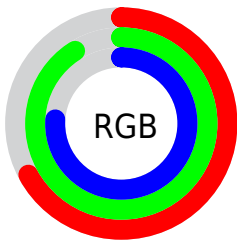
Format	Color
RYB	172, 214, 231
Decimal	11331523
CIELab	87.00, -25.90, 11.52
CIELCh	87, 28.346, 156.015
Yxy	70.0064, 0.2957, 0.3726
Android (android.graphics.Color)	4289521603 (0xFFACE7C3)
YUV	209.2550, -7.0277, -32.6726
Hunter-Lab	83.6698, -27.8901, 14.4010

Details

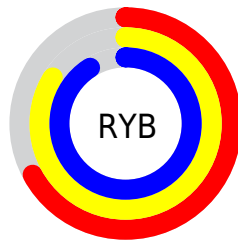
The CIELCh color $87, 28.346, 156.015$ is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be $77, 28.848, 340.194$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 9.388, 189.472$, and $67, 28.447, 155.956$ is the 20% darker color. If you saturate the color by 10%, you get $86, 39.232, 154.953$, and if you desaturate by 10%, it is $89, 17.257, 156.951$.

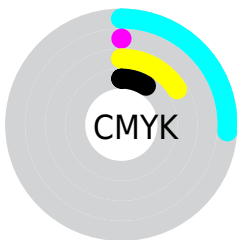
Distribution



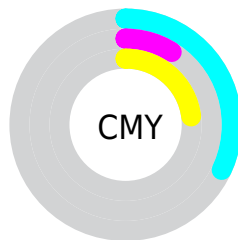
- Red (67%)
- Green (91%)
- Blue (76%)



- Red (67%)
- Yellow (84%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (32%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 28.346, 156.015 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, 28.346, 156.015 by changing the saturation by 10% instead.

■ 87, 28.346,
156.015

■ 87, 28.346,
156.015

■ 100, 28.346,
156.015

■ 77, 28.346,
156.015

■ 67, 28.346,
156.015

■ 57, 28.346,
156.015

■ 47, 28.346,
156.015

■ 37, 28.346,
156.015


■ 27, 28.346,
156.015


■ 17, 28.346,


156.015


 7, 28.346, 156.015

 0, 28.346, 156.015

 87, 28.346,
156.015


 87, 28.346,
156.015

 86, 39.232,
154.953


 89, 17.257,
156.951


 84, 49.726,
153.741

 91, 6.118, 157.812


 83, 59.628,
152.354

 93, 4.944, 338.390

 82, 68.744,
150.771

 94, 13.480,
329.103

 82, 76.910,

 94, 14.862,
324.937

148.983

■ 81, 84.019,
146.999

■ 81, 90.053,
144.861

■ 81, 92.485,
143.915

Harmonies

Complementary

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



87, 28.346, 156.015



77, 28.848, 340.194

Rectangle

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



87, 28.346, 156.015



87, 28.346, 206.015



87, 28.346, 336.015



87, 28.346, 26.015

Sweetspot

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



87, 28.348, 156.014



98, 9.608, 157.594



89, 31.581, 123.573



52, 6.832, 157.466



0, 0.000, 0.000



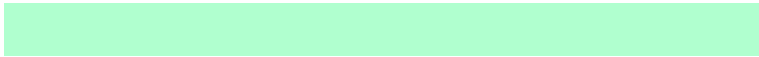
53, 0.007, 296.813

Same Dimension

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



87, 28.348, 156.014



94, 37.181, 155.432



88, 20.227, 187.752



47, 6.266, 157.475



64, 75.542, 144.311



18, 29.032, 148.407

Inverse Universe

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



77, 28.848, 340.194



81, 37.952, 340.716



76, 23.112, 12.363



45, 6.315, 338.830



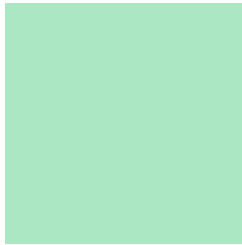
39, 67.211, 351.940



7, 29.007, 347.106

Previews

White Background



This preview shows how the CIELCh color 87, 28.346, 156.015 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, 28.346, 156.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

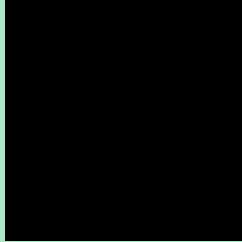
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

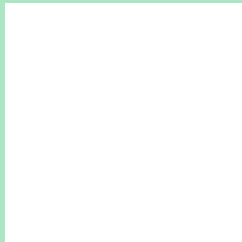
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 28.346, 156.015

Background



This preview shows how black text looks on a background with the CIELCh color 87, 28.346, 156.015.

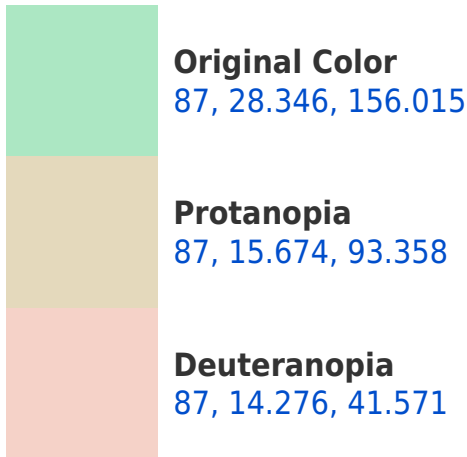


This preview shows how white text looks on a background with the CIELCh color 87, 28.346, 156.015.

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, 16.911, 232.662

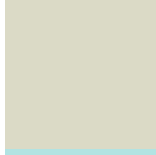
Trichromacy



Original Color
87, 28.346, 156.015



Protanomaly
87, 16.993, 126.713



Deuteranomaly
87, 10.430, 107.243

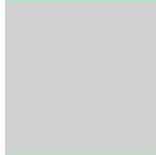


Tritanomaly
87, 16.549, 196.482

Monochromacy



Original Color
87, 28.346, 156.015



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 10.270, 157.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 28.346, 156.015 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, 231, 195)` looks like.

```
.text, #text, p{  
    color:rgb(172, 231, 195)  
}
```

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, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 231, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 28.346, 156.015 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, 231, 195) }
```

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

```
.border{ border-color:rgb(172, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(172, 231,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 28.346, 156.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 231, 195) }
```

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

```
.background{ background-color: rgb(172,  
231, 195) }
```

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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