

Converting Colors

CIELCh(87, 32.130, 150.472)

Have a look what the booklet for
CIELCh(87, 32.130, 150.472)
contains.

CIELCh(87, 32.044, 150.367)	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(87, 32.044, 150.367)

Conversions

Conversions Part 1

Format	Color
Hex	ACE8BB
RGB	172, 232, 187
RGB Percent	67%, 91%, 73%
CMY	0.3258, 0.0905, 0.2670
CMYK	0.26, 0.00, 0.19, 0.09
HSL	135°, 57%, 79%
HSV	135°, 26%, 91%
XYZ	54.7849, 70.0064, 57.5892
YIQ	208.9300, -21.3150, -26.7150

Conversions

Conversions Part 2

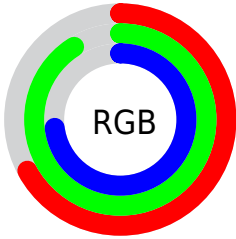
Format	Color
RYB	172, 220, 232
Decimal	11331771
CIELab	87.00, -27.85, 15.84
CIELCh	87, 32.044, 150.367
Yxy	70.0064, 0.3004, 0.3838
Android (android.graphics.Color)	4289521851 (0xFFACE8BB)
YUV	208.9300, -10.8115, -32.3876
Hunter-Lab	83.6698, -29.5449, 17.7601

Details

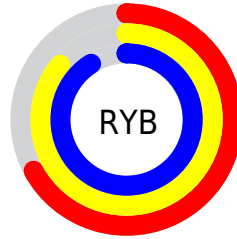
The CIELCh color **87, 32.044, 150.367** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 32.262, 334.087**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.278, 165.866**, and **67, 31.924, 150.684** is the 20% darker color. If you saturate the color by 10%, you get **85, 44.262, 149.374**, and if you desaturate by 10%, it is **89, 19.640, 151.229**.

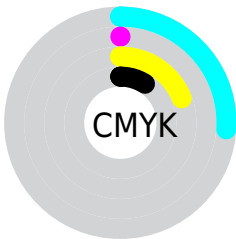
Distribution



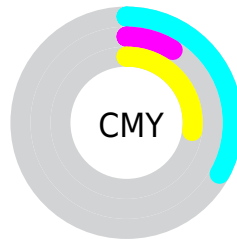
- Red (67%)
- Green (91%)
- Blue (73%)



- Red (67%)
- Yellow (86%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)





- Cyan (33%)
- Magenta (9%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 32.044, 150.367 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, 32.044, 150.367 by changing the saturation by 10% instead.


 87, 32.044,
150.367


 87, 32.044,
150.367


 100, 32.044,
150.367


 77, 32.044,
150.367

 67, 32.044,
150.367

 57, 32.044,
150.367

 47, 32.044,
150.367

 37, 32.044,
150.367


 27, 32.044,
150.367


 17, 32.044,

150.367


 7, 32.044, 150.367

 0, 32.044, 150.367

 87, 32.044,
150.367


 87, 32.044,
150.367

 85, 44.262,
149.374


 89, 19.640,
151.229


 84, 56.070,
148.227

 91, 7.226, 152.001

 83, 67.222,
146.910

 93, 5.056, 332.523

 82, 77.461,
145.416

 94, 14.419,
324.921

 82, 86.543,

143.757

■ 81, 94.263,
141.975

■ 81, 100.478,
140.155

■ 81, 102.647,
139.463

Harmonies

Complementary

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



87, 32.044, 150.367



77, 32.262, 334.087

Rectangle

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



87, 32.044, 150.367



87, 32.044, 200.367



87, 32.044, 330.367



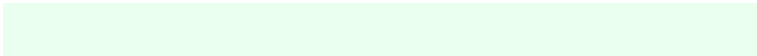
87, 32.044, 20.367

Sweetspot

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



87, 32.046, 150.367



98, 10.651, 151.835



90, 31.335, 118.274



52, 7.576, 151.721



0, 0.000, 0.000



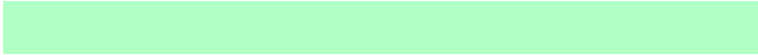
53, 0.007, 296.813

Same Dimension

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



87, 32.046, 150.367



94, 41.412, 149.859



88, 22.061, 177.042



47, 6.948, 151.729



64, 83.747, 139.787



17, 32.225, 143.702

Inverse Universe

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



77, 32.262, 334.087



81, 41.707, 334.478



76, 24.164, 2.322



45, 6.976, 332.926



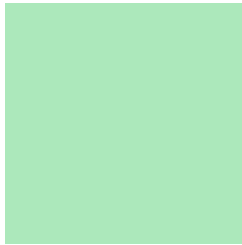
40, 73.068, 341.318



8, 31.494, 338.832

Previews

White Background



This preview shows how the CIELCh color 87, 32.044, 150.367 looks on a white background.

Color Contrast Check

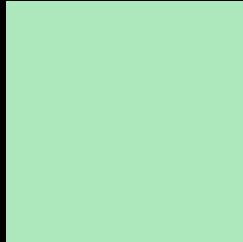
Large Text (above 18pt) WCAG AA × Fail

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, 32.044, 150.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

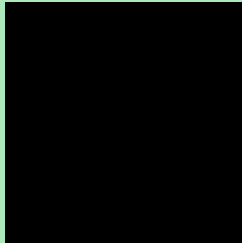
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 32.044, 150.367

Background



This preview shows how black text looks on a background with the CIELCh color 87, 32.044, 150.367.

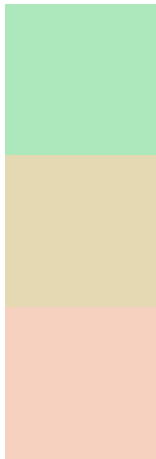


This preview shows how white text looks on a background with the CIELCh color 87, 32.044, 150.367.

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



Original Color
87, 32.044, 150.367

Protanopia
87, 20.316, 95.269

Deuteranopia
87, 17.168, 51.181

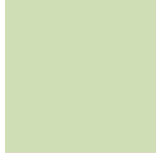


Tritanopia
87, 16.418, 233.889

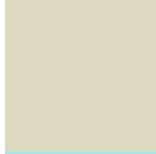
Trichromacy



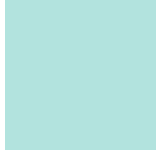
Original Color
87, 32.044, 150.367



Protanomaly
87, 21.474, 122.705

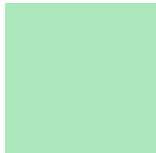


Deuteranomaly
86, 14.117, 104.368

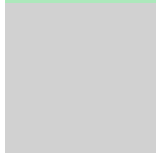


Tritanomaly
87, 16.937, 189.330

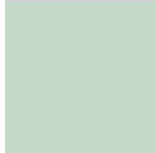
Monochromacy



Original Color
87, 32.044, 150.367



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.414, 151.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 32.044, 150.367 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, 232, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 232, 187)  
}
```

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, 232, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 232, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 32.044, 150.367 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, 232, 187) }
```

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

```
.border{ border-color:rgb(172, 232, 187) }
```

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

Here you see how a box with a 4 pixel rgb(172, 232, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 232, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 232, 187);  
box-shadow:4px 4px 4px 4px rgb(172, 232,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 32.044, 150.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 232, 187) }
```

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

```
.background{ background-color: rgb(172,  
232, 187) }
```

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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