

Converting Colors

CIELCh(84, 32.605, 143.283)

Have a look what the booklet for
CIELCh(84, 32.605, 143.283)
contains.

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Color

CIELCh(84, 32.387, 143.445)

Conversions

Conversions Part 1

Format	Color
Hex	ABDEAC
RGB	171, 222, 172
RGB Percent	67%, 87%, 67%
CMY	0.3284, 0.1283, 0.3245
CMYK	0.23, 0.00, 0.23, 0.13
HSL	121°, 44%, 77%
HSV	121°, 23%, 87%
XYZ	50.5188, 64.0658, 48.8655
YIQ	201.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

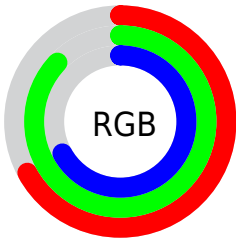
Format	Color
RYB	171, 221, 222
Decimal	11263660
CIELab	84.00, -26.02, 19.29
CIELCh	84, 32.387, 143.445
Yxy	64.0658, 0.3091, 0.3920
Android (android.graphics.Color)	4289453740 (0xFFABDEAC)
YUV	201.0510, -14.3221, -26.3547
Hunter-Lab	80.0411, -27.4097, 19.8319

Details

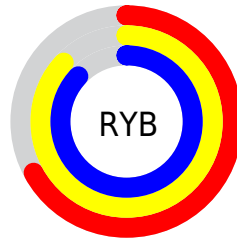
The CIELCh color **84, 32.387, 143.445** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **76, 32.408, 326.227**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.062, 144.757**, and **64, 32.322, 143.530** is the 20% darker color. If you saturate the color by 10%, you get **82, 46.398, 142.583**, and if you desaturate by 10%, it is **86, 18.222, 144.189**.

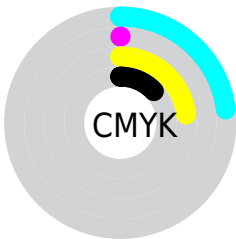
Distribution



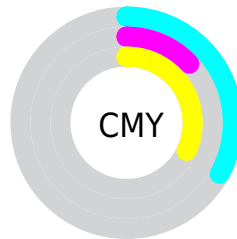
- Red (67%)
- Green (87%)
- Blue (67%)



- Red (67%)
- Yellow (87%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (13%)




- Cyan (33%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 32.387, 143.445 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 84, 32.387, 143.445 by changing the saturation by 10% instead.

 84, 32.387,
143.445

 84, 32.387,
143.445


 100, 32.387,
143.445


 74, 32.387,
143.445

 64, 32.387,
143.445

 54, 32.387,
143.445

 44, 32.387,
143.445

 34, 32.387,
143.445

 24, 32.387,
143.445

 14, 32.387,


143.445


 4, 32.387, 143.445


 0, 32.387, 143.445

 84, 32.387,
143.445


 84, 32.387,
143.445

 82, 46.398,
142.583

 86, 18.222,
144.189


 81, 59.960,
141.595

 88, 4.116, 144.868

 80, 72.706,
140.493

 90, 9.771, 325.300

 79, 84.192,
139.319

 92, 20.475,
325.136

 78, 93.897,

138.159

■ 78, 101.280,
137.144

■ 78, 105.919,
136.417

■ 78, 107.643,
136.142

Harmonies

Complementary

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



84, 32.387, 143.445



76, 32.408, 326.227

Rectangle

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



84, 32.387, 143.445



84, 32.387, 193.445



84, 32.387, 323.445



84, 32.387, 13.445

Sweetspot

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



84, 32.389, 143.445



98, 10.966, 144.584



87, 26.389, 108.670



52, 7.129, 144.544



0, 0.000, 0.000



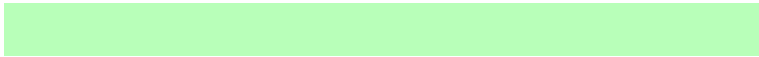
53, 0.007, 296.813

Same Dimension

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



84, 32.389, 143.445



94, 44.151, 143.007



85, 22.412, 162.491



46, 8.034, 144.426



63, 90.306, 136.185



16, 34.912, 139.801

Inverse Universe

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



76, 32.408, 326.227



83, 44.156, 326.515



75, 23.119, 346.642



44, 8.047, 325.467



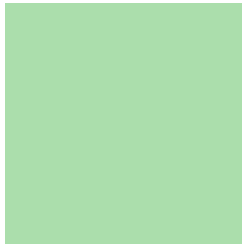
42, 86.165, 329.021



8, 35.461, 328.885

Previews

White Background



This preview shows how the CIELCh color 84, 32.387, 143.445 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 84, 32.387, 143.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

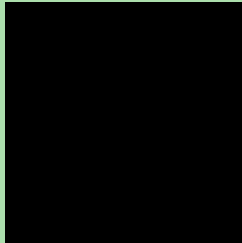
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 32.387, 143.445

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.387, 143.445.

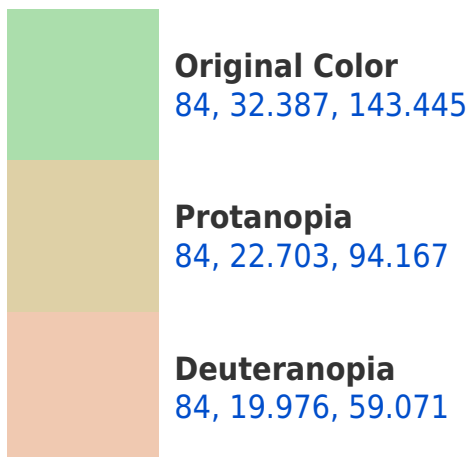


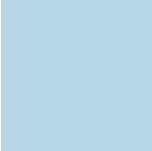
This preview shows how white text looks on a background with the CIELCh color 84, 32.387, 143.445.

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



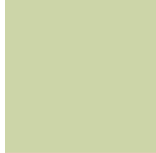


Tritanopia
84, 13.759, 239.716

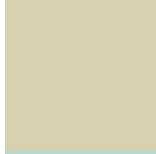
Trichromacy



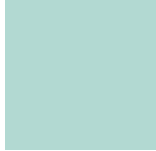
Original Color
84, 32.387, 143.445



Protanomaly
84, 23.776, 116.550



Deuteranomaly
84, 17.976, 101.195

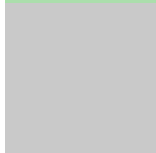


Tritanomaly
84, 14.169, 183.268

Monochromacy



Original Color
84, 32.387, 143.445



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 11.865, 145.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.387, 143.445 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, 222, 172)` looks like.

```
.text, #text, p{  
    color:rgb(171, 222, 172)  
}
```

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, 222, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 222, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.387, 143.445 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, 222, 172) }
```

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

```
.border{ border-color:rgb(171, 222, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 222, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 222, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 222, 172); box-shadow:4px 4px 4px 4px rgb(171, 222, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.387, 143.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 222, 172) }
```

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

```
.background{ background-color: rgb(171,  
222, 172) }
```

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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