

Converting Colors

CIELCh(85, 32.731, 144.407)

Have a look what the booklet for
CIELCh(85, 32.731, 144.407)
contains.

CIELCh(85, 32.731, 144.407)	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(85, 32.731, 144.407)

Conversions

Conversions Part 1

Format	Color
Hex	ACE1AF
RGB	172, 225, 175
RGB Percent	67%, 88%, 69%
CMY	0.3239, 0.1160, 0.3121
CMYK	0.24, 0.00, 0.22, 0.12
HSL	123°, 47%, 78%
HSV	123°, 24%, 88%
XYZ	51.9200, 66.0070, 50.7694
YIQ	203.4530, -15.5380, -26.7860

Conversions

Conversions Part 2

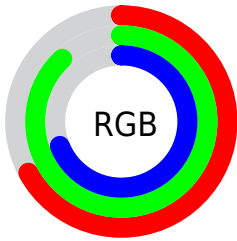
Format	Color
RYB	172, 222, 225
Decimal	11329967
CIELab	85.00, -26.62, 19.05
CIELCh	85, 32.731, 144.407
Yxy	66.0070, 0.3078, 0.3913
Android (android.graphics.Color)	4289520047 (0xFFACE1AF)
YUV	203.4530, -14.0273, -27.5843
Hunter-Lab	81.2447, -28.1066, 19.8213

Details

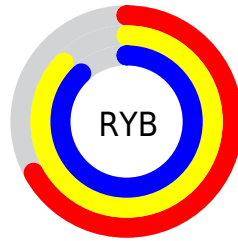
The CIELCh color **85, 32.731, 144.407** is a light color, and the websafe version is hex **99CC99**, and the color name is **celadon**. A complement of this color would be **77, 32.762, 327.316**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.607, 146.968**, and **65, 32.476, 144.036** is the 20% darker color. If you saturate the color by 10%, you get **83, 46.541, 143.526**, and if you desaturate by 10%, it is **87, 18.763, 145.167**.

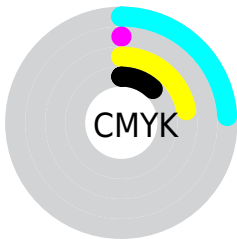
Distribution



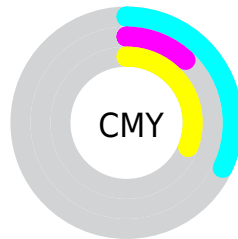
- Red (67%)
- Green (88%)
- Blue (69%)



- Red (67%)
- Yellow (87%)
- Blue (88%)



- Cyan (24%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)





- Cyan (32%)
- Magenta (12%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 32.731, 144.407 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 85, 32.731, 144.407 by changing the saturation by 10% instead.


 85, 32.731,
144.407


 85, 32.731,
144.407


 100, 32.731,
144.407


 75, 32.731,
144.407

 65, 32.731,
144.407

 55, 32.731,
144.407

 45, 32.731,
144.407

 35, 32.731,
144.407


 25, 32.731,
144.407


 15, 32.731,


144.407


 5, 32.731, 144.407


 0, 32.731, 144.407

 85, 32.731,
144.407


 85, 32.731,
144.407

 83, 46.541,
143.526


 87, 18.763,
145.167


 82, 59.909,
142.513

 89, 4.846, 145.853

 81, 72.493,
141.372

 91, 8.865, 326.302

 80, 83.883,
140.137

 93, 18.495,
325.067

 79, 93.614,

138.877

■ 79, 101.204,
137.706

■ 79, 106.253,
136.766

■ 79, 108.165,
136.379

Harmonies

Complementary

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



85, 32.731, 144.407



77, 32.762, 327.316

Rectangle

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



85, 32.731, 144.407



85, 32.731, 194.407



85, 32.731, 324.407



85, 32.731, 14.407

Sweetspot

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



85, 32.733, 144.407



98, 10.691, 145.608



88, 27.367, 110.048



52, 6.950, 145.567



0, 0.000, 0.000



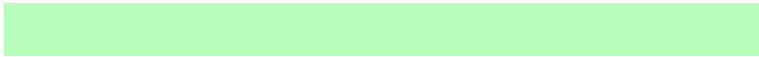
53, 0.007, 296.813

Same Dimension

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



85, 32.733, 144.407



94, 43.049, 144.012



86, 22.642, 164.265



46, 7.833, 145.447



63, 89.617, 136.500



16, 34.264, 140.426

Inverse Universe

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



77, 32.762, 327.316



83, 43.068, 327.581



76, 23.501, 348.656



44, 7.846, 326.503



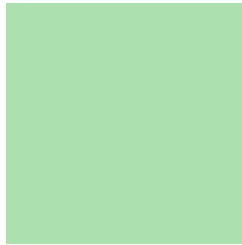
41, 83.711, 330.606



8, 34.593, 330.190

Previews

White Background



This preview shows how the CIELCh color 85, 32.731, 144.407 looks on a white background.

Color Contrast Check

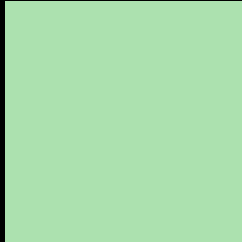
Large Text (above 18pt) WCAG AA × Fail

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 85, 32.731, 144.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

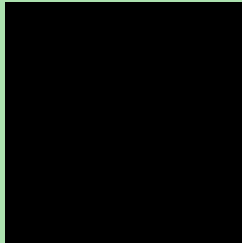
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 32.731, 144.407

Background



This preview shows how black text looks on a background with the CIELCh color 85, 32.731, 144.407.



This preview shows how white text looks on a background with the CIELCh color 85, 32.731, 144.407.

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
85, 32.731, 144.407

Protanopia
85, 22.642, 94.207

Deuteranopia
85, 19.908, 59.099

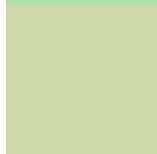


Tritanopia
85, 14.521, 239.738

Trichromacy



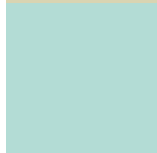
Original Color
85, 32.731, 144.407



Protanomaly
85, 23.780, 117.477



Deuteranomaly
85, 17.884, 102.451

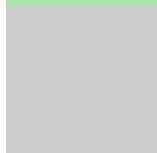


Tritanomaly
85, 14.776, 183.903

Monochromacy



Original Color
85, 32.731, 144.407



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 11.832, 145.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 32.731, 144.407 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, 225, 175)` looks like.

```
.text, #text, p{  
    color:rgb(172, 225, 175)  
}
```

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, 225, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 225, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 32.731, 144.407 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, 225, 175) }
```

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

```
.border{ border-color:rgb(172, 225, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 225, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 225, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 225, 175);  
box-shadow:4px 4px 4px 4px rgb(172, 225,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 32.731, 144.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 225, 175) }
```

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

```
.background{ background-color: rgb(172,  
225, 175) }
```

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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