

Converting Colors

CIELCh(84, 32.469, 141.969)

Have a look what the booklet for
CIELCh(84, 32.469, 141.969)
contains.

CIELCh(84, 32.403, 141.962)	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(84, 32.403, 141.962)

Conversions

Conversions Part 1

Format	Color
Hex	ADDEAB
RGB	173, 222, 171
RGB Percent	68%, 87%, 67%
CMY	0.3216, 0.1294, 0.3294
CMYK	0.22, 0.00, 0.23, 0.13
HSL	118°, 44%, 77%
HSV	118°, 23%, 87%
XYZ	50.7044, 64.0658, 48.2205
YIQ	201.5350, -12.8330, -26.2490

Conversions

Conversions Part 2

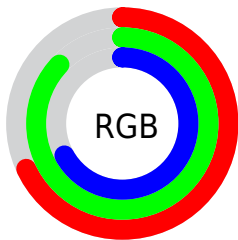
Format	Color
RYB	171, 222, 220
Decimal	11394731
CIELab	84.00, -25.52, 19.97
CIElCh	84, 32.403, 141.962
Yxy	64.0658, 0.3111, 0.3931
Android (android.graphics.Color)	4289584811 (0xFFADDEAB)
YUV	201.5350, -15.0538, -25.0252
Hunter-Lab	80.0411, -26.9959, 20.3097

Details

The CIELCh color **84, 32.403, 141.962** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **76, 32.475, 324.584**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.513, 141.033**, and **64, 32.338, 142.001** is the 20% darker color. If you saturate the color by 10%, you get **82, 46.418, 141.160**, and if you desaturate by 10%, it is **86, 18.245, 142.660**.

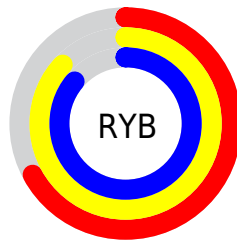
Distribution



Red (68%)

Green (87%)

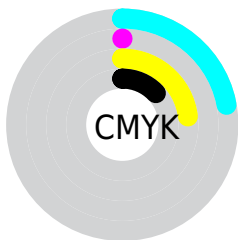
Blue (67%)



Red (67%)

Yellow (87%)

Blue (86%)

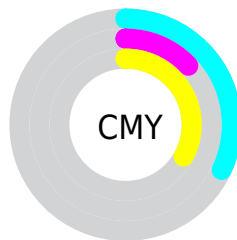


Cyan (22%)

Magenta (0%)

Yellow (23%)

Black (13%)



Cyan (32%)

Magenta (13%)

Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 32.403, 141.962 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, 32.403, 141.962 by changing the saturation by 10% instead.


 84, 32.403,
141.962


 84, 32.403,
141.962


 100, 32.403,
141.962


 74, 32.403,
141.962

 64, 32.403,
141.962

 54, 32.403,
141.962

 44, 32.403,
141.962

 34, 32.403,
141.962

 24, 32.403,
141.962

 14, 32.403,

141.962

■ 4, 32.403, 141.962

■ 0, 32.403, 141.962

■ 84, 32.403,
141.962

■ 84, 32.403,
141.962

■ 82, 46.418,
141.160

■ 86, 18.245,
142.660

■ 81, 60.002,
140.251

■ 88, 4.148, 143.300

■ 80, 72.795,
139.257

■ 90, 9.737, 323.708

■ 92, 20.649,
325.143

■ 79, 84.338,
138.228

■ 78, 94.083,

137.262

■ 78, 101.443,
136.494

■ 78, 105.978,
136.054

■ 77, 107.681,
135.887

Harmonies

Complementary

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



84, 32.403, 141.962



76, 32.475, 324.584

Rectangle

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



84, 32.403, 141.962



84, 32.403, 191.962



84, 32.403, 321.962



84, 32.403, 11.962

Sweetspot

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



84, 32.405, 141.962



98, 10.972, 143.033



87, 25.146, 105.777



52, 7.133, 142.996



0, 0.000, 0.000



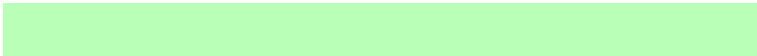
53, 0.007, 296.813

Same Dimension

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



84, 32.405, 141.962



94, 44.177, 141.555



84, 23.587, 159.075



46, 8.038, 142.884



63, 90.463, 135.844



16, 34.894, 138.773

Inverse Universe

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



76, 32.475, 324.584



83, 44.270, 324.853



75, 24.118, 342.989



44, 8.055, 323.866



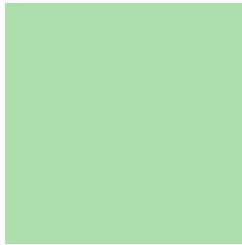
41, 87.658, 326.697



7, 35.904, 326.916

Previews

White Background



This preview shows how the CIELCh color 84, 32.403, 141.962 looks on a white background.

Color Contrast Check

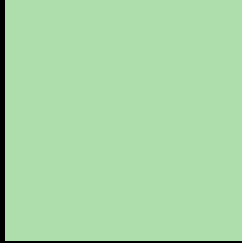
Large Text (above 18pt) WCAG AA × Fail

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 84, 32.403, 141.962 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, 32.403, 141.962

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.403, 141.962.



This preview shows how white text looks on a background with the CIELCh color 84, 32.403, 141.962.

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
84, 32.403, 141.962

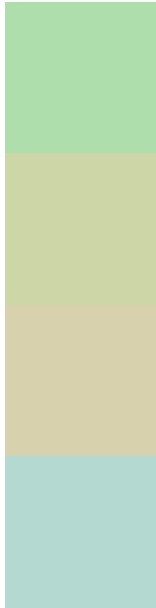
Protanopia
84, 23.605, 95.599

Deuteranopia
84, 21.017, 60.428



Tritanopia
84, 13.519, 240.611

Trichromacy



Original Color
84, 32.403, 141.962

Protanomaly
84, 24.840, 117.016

Deuteranomaly
84, 18.546, 100.153

Tritanomaly
84, 14.034, 180.886

Monochromacy



Original Color
84, 32.403, 141.962

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 11.649, 143.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.403, 141.962 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(173, 222, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 222, 171)  
}
```

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(173, 222, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 222, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.403, 141.962 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(173, 222, 171) }
```

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

```
.border{ border-color:rgb(173, 222, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 222, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 222, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 222, 171); box-shadow:4px 4px 4px 4px rgb(173, 222, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.403, 141.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 222, 171) }
```

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

```
.background{ background-color: rgb(173,  
222, 171) }
```

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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