

Converting Colors

CIELCh(84, 46.351, 140.494)

Have a look what the booklet for
CIELCh(84, 46.351, 140.494)
contains.

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Color

CIELCh(84, 46.351, 140.494)

Conversions

Conversions Part 1	
Format	Color
Hex	9DE298
RGB	157, 226, 152
RGB Percent	62%, 89%, 60%
CMY	0.3830, 0.1123, 0.4026
CMYK	0.30, 0.00, 0.33, 0.11
HSL	116°, 56%, 74%
HSV	116°, 33%, 89%
XYZ	46.9588, 64.0658, 39.7388
YIQ	196.9330, -17.3700, -37.6420

Conversions

Conversions Part 2

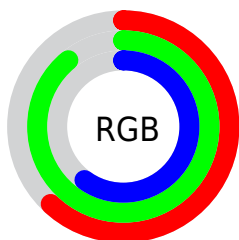
Format	Color
RYB	152, 226, 221
Decimal	10347160
CIELab	84.00, -35.76, 29.49
CIELCh	84, 46.351, 140.494
Yxy	64.0658, 0.3115, 0.4249
Android (android.graphics.Color)	4288537240 (0xFF9DE298)
YUV	196.9330, -22.1520, -35.0212
Hunter-Lab	80.0411, -35.3490, 26.5925

Details

The CIELCh color **84, 46.351, 140.494** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 46.530, 324.245**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 28.877, 139.990**, and **64, 46.347, 140.409** is the 20% darker color. If you saturate the color by 10%, you get **83, 60.071, 139.636**, and if you desaturate by 10%, it is **86, 32.231, 141.258**.

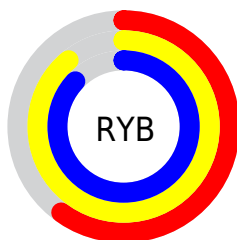
Distribution



Red (62%)

Green (89%)

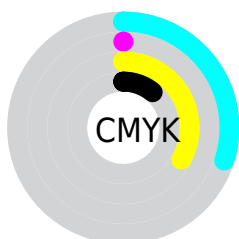
Blue (60%)



Red (60%)

Yellow (89%)

Blue (87%)

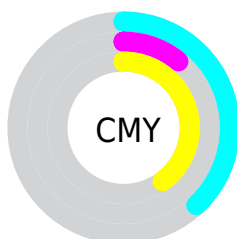


Cyan (30%)

Magenta (0%)

Yellow (33%)

Black (11%)



Cyan (38%)

Magenta (11%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 46.351, 140.494 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, 46.351, 140.494 by changing the saturation by 10% instead.

 84, 46.351,
140.494

 84, 46.351,
140.494

 100, 46.351,
140.494

 74, 46.351,
140.494

 64, 46.351,
140.494

 54, 46.351,
140.494

 44, 46.351,
140.494

 34, 46.351,
140.494

 24, 46.351,
140.494

 14, 46.351,


140.494


 4, 46.351, 140.494


 0, 46.351, 140.494


 84, 46.351,
140.494


 84, 46.351,
140.494

 83, 60.071,
139.636


 86, 32.231,
141.258


 81, 73.033,
138.704


 87, 17.978,
141.925


 81, 84.786,
137.752

 89, 3.793, 142.546


 80, 94.779,
136.875


 92, 10.181,
322.932

 79, 102.412,

 93, 17.909,
325.046

136.206

 79, 107.215,
135.874

 79, 109.118,
135.787

Harmonies

Complementary

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



84, 46.351, 140.494



72, 46.530, 324.245

Rectangle

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



84, 46.351, 140.494



84, 46.351, 190.494



84, 46.351, 320.494



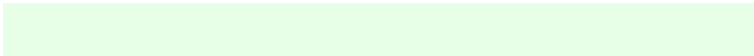
84, 46.351, 10.494

Sweetspot

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



84, 46.353, 140.494



98, 15.564, 142.087



87, 35.075, 103.163



52, 10.628, 142.001



0, 0.000, 0.000



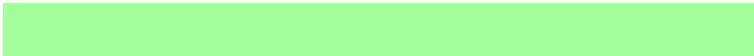
53, 0.007, 296.813

Same Dimension

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



84, 46.353, 140.494



92, 60.631, 139.942



84, 34.829, 156.479



46, 7.964, 142.125



63, 90.304, 135.716



16, 34.639, 138.259

Inverse Universe

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



72, 46.530, 324.245



77, 60.843, 324.549



71, 35.714, 342.218



44, 7.986, 323.071



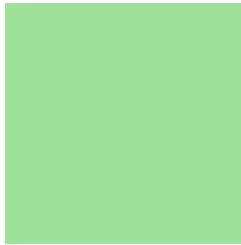
40, 87.831, 325.597



7, 35.861, 325.956

Previews

White Background



This preview shows how the CIE LCh color 84, 46.351, 140.494 looks on a white background.

Color Contrast Check

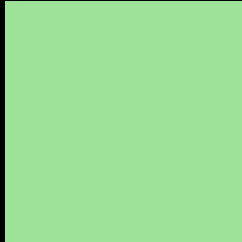
Large Text (above 18pt) WCAG AA × Fail

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, 46.351, 140.494 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, 46.351, 140.494

Background



This preview shows how black text looks on a background with the CIELCh color 84, 46.351, 140.494.

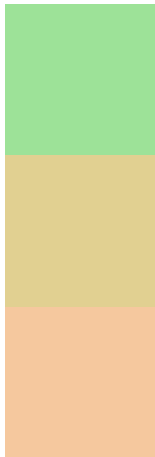


This preview shows how white text looks on a background with the CIELCh color 84, 46.351, 140.494.

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, 46.351, 140.494

Protanopia

84, 33.601, 95.397


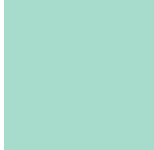
Deuteranopia

84, 28.919, 69.173



Tritanopia
84, 16.744, 231.148

Trichromacy

	Original Color 84, 46.351, 140.494
	Protanomaly 83, 35.253, 116.862
	Deuteranomaly 83, 28.209, 105.275
	Tritanomaly 84, 20.423, 173.512

Monochromacy

	Original Color 84, 46.351, 140.494
	Achromatopsia 80, 0.010, 296.813
	Achromatomaly 81, 17.118, 141.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 46.351, 140.494 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(157, 226, 152)` looks like.

```
.text, #text, p{  
    color:rgb(157, 226, 152)  
}
```

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(157, 226, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 226, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 46.351, 140.494 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(157, 226, 152) }
```

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

```
.border{ border-color:rgb(157, 226, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 226, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 226, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 226, 152);  
box-shadow:4px 4px 4px 4px rgb(157, 226,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 46.351, 140.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 226, 152) }
```

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

```
.background{ background-color: rgb(157,  
226, 152) }
```

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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