

Converting Colors

CIELCh(84, 39.129, 134.779)

Have a look what the booklet for
CIELCh(84, 39.129, 134.779)
contains.

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Color

CIELCh(84, 39.355, 134.791)

Conversions

Conversions Part 1

Format	Color
Hex	AFDF9C
RGB	175, 223, 156
RGB Percent	69%, 87%, 61%
CMY	0.3150, 0.1268, 0.3894
CMYK	0.22, 0.00, 0.30, 0.13
HSL	103°, 51%, 74%
HSV	103°, 30%, 87%
XYZ	49.8814, 64.0658, 41.0518
YIQ	201.0100, -7.1010, -31.0130

Conversions

Conversions Part 2

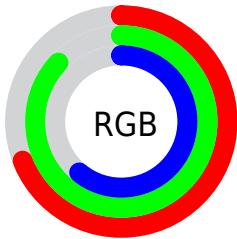
Format	Color
RYB	156, 223, 204
Decimal	11526044
CIELab	84.00, -27.73, 27.93
CIELCh	84, 39.355, 134.791
Yxy	64.0658, 0.3218, 0.4133
Android (android.graphics.Color)	4289716124 (0xFFAFDF9C)
YUV	201.0100, -22.1899, -22.8108
Hunter-Lab	80.0411, -28.8311, 25.6199

Details

The CIELCh color $84, 39.355, 134.791$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $71, 40.192, 317.546$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 24.031, 129.876$, and $64, 39.735, 134.900$ is the 20% darker color. If you saturate the color by 10%, you get $83, 52.200, 134.220$, and if you desaturate by 10%, it is $85, 26.283, 135.332$.

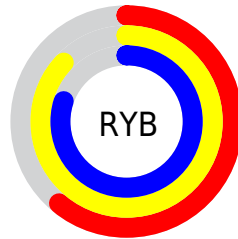
Distribution



Red (69%)

Green (87%)

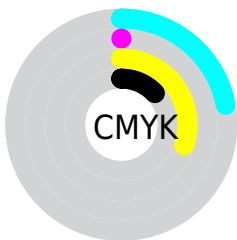
Blue (61%)



Red (61%)

Yellow (87%)

Blue (80%)

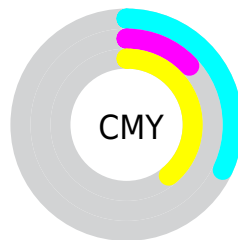


Cyan (22%)

Magenta (0%)

Yellow (30%)

Black (13%)



Cyan (32%)


Magenta (13%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 39.355, 134.791 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, 39.355, 134.791 by changing the saturation by 10% instead.


 84, 39.355,
134.791


 84, 39.355,
134.791


 100, 39.355,
134.791


 74, 39.355,
134.791

 64, 39.355,
134.791

 54, 39.355,
134.791

 44, 39.355,
134.791

 34, 39.355,
134.791


 24, 39.355,
134.791


 14, 39.355,


134.791


 4, 39.355, 134.791

 0, 39.355, 134.791


 84, 39.355,
134.791


 84, 39.355,
134.791

 83, 52.200,
134.220


 85, 26.283,
135.332


 82, 64.567,
133.647

 87, 13.153,
135.830


 81, 76.120,
133.129

 89, 0.095, 138.356

 80, 86.405,
132.758

 91, 12.802,
316.619

 79, 94.865,

 92, 20.123,
324.665

132.656

92, 20.227,
325.128

79, 100.974,
132.949

78, 104.721,
133.591

Harmonies

Complementary

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



84, 39.355, 134.791



71, 40.192, 317.546

Rectangle

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



84, 39.355, 134.791



84, 39.355, 184.791



84, 39.355, 314.791



84, 39.355, 4.791

Sweetspot

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



84, 39.357, 134.792



98, 13.101, 135.878



82, 25.990, 89.884



52, 9.110, 135.808



0, 0.000, 0.000



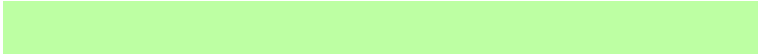
53, 0.007, 296.813

Same Dimension

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



84, 39.357, 134.792



94, 52.456, 134.440



83, 37.382, 148.232



46, 7.453, 135.860



63, 87.619, 133.400



17, 32.853, 134.171

Inverse Universe

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



71, 40.192, 317.546



76, 53.791, 317.810



72, 37.543, 332.466



44, 7.511, 316.635



33, 90.366, 317.923



5, 34.950, 318.394

Previews

White Background



This preview shows how the CIELCh color 84, 39.355, 134.791 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, 39.355, 134.791 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, 39.355, 134.791

Background



This preview shows how black text looks on a background with the CIELCh color 84, 39.355, 134.791.

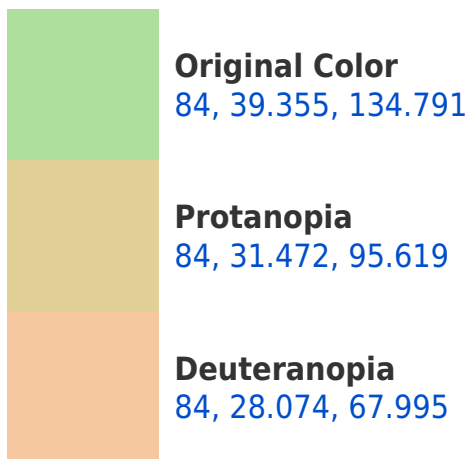


This preview shows how white text looks on a background with the CIELCh color 84, 39.355, 134.791.

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, 12.371, 245.642

Trichromacy



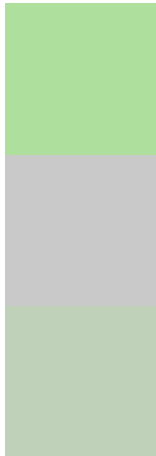
Original Color
84, 39.355, 134.791

Protanomaly
84, 32.321, 112.300

Deuteranomaly
83, 26.534, 98.364

Tritanomaly
84, 14.286, 167.297

Monochromacy



Original Color
84, 39.355, 134.791

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 14.381, 136.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 39.355, 134.791 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(175, 223, 156)` looks like.

```
.text, #text, p{  
    color:rgb(175, 223, 156)  
}
```

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(175, 223, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 223, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 39.355, 134.791 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(175, 223, 156) }
```

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

```
.border{ border-color:rgb(175, 223, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 223, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 223, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 223, 156);  
box-shadow:4px 4px 4px 4px rgb(175, 223,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 39.355, 134.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 223, 156) }
```

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

```
.background{ background-color: rgb(175,  
223, 156) }
```

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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