

Converting Colors

CIELCh(85, 35.194, 140.985)

Have a look what the booklet for
CIELCh(85, 35.194, 140.985)
contains.

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Color

CIELCh(85, 35.533, 140.562)

Conversions

Conversions Part 1

Format	Color
Hex	AEE2A9
RGB	174, 226, 169
RGB Percent	68%, 89%, 66%
CMY	0.3190, 0.1151, 0.3386
CMYK	0.23, 0.00, 0.25, 0.12
HSL	115°, 49%, 77%
HSV	115°, 25%, 88%
XYZ	51.6056, 66.0070, 47.3886
YIQ	203.9540, -12.6950, -28.7510

Conversions

Conversions Part 2

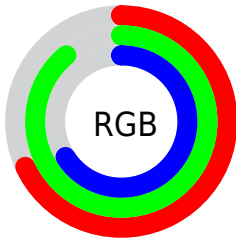
Format	Color
RYB	169, 226, 221
Decimal	11461289
CIELab	85.00, -27.44, 22.57
CIELCh	85, 35.533, 140.562
Yxy	66.0070, 0.3128, 0.4000
Android (android.graphics.Color)	4289651369 (0xFFAEE2A9)
YUV	203.9540, -17.2323, -26.2697
Hunter-Lab	81.2447, -28.7974, 22.2885

Details

The CIELCh color **85, 35.533, 140.562** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **75, 35.703, 323.300**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 18.207, 138.435**, and **65, 35.160, 140.937** is the 20% darker color. If you saturate the color by 10%, you get **83, 49.465, 139.801**, and if you desaturate by 10%, it is **87, 21.421, 141.233**.

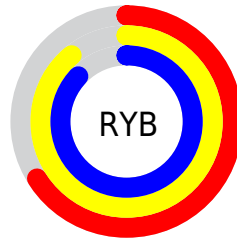
Distribution



Red (68%)

Green (89%)

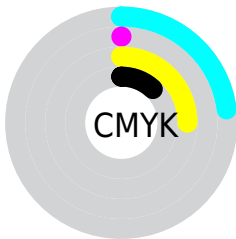
Blue (66%)



Red (66%)

Yellow (89%)

Blue (87%)

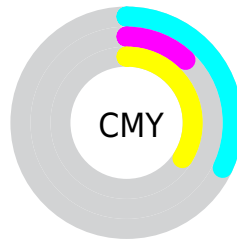


Cyan (23%)

Magenta (0%)

Yellow (25%)

Black (12%)



Cyan (32%)


Magenta (12%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 35.533, 140.562 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, 35.533, 140.562 by changing the saturation by 10% instead.


 85, 35.533,
140.562


 85, 35.533,
140.562


 100, 35.533,
140.562


 75, 35.533,
140.562

 65, 35.533,
140.562

 55, 35.533,
140.562

 45, 35.533,
140.562

 35, 35.533,
140.562

 25, 35.533,
140.562

 15, 35.533,

140.562

■ 5, 35.533, 140.562

■ 0, 35.533, 140.562

■ 85, 35.533,
140.562

■ 85, 35.533,
140.562

■ 83, 49.465,
139.801

■ 87, 21.421,
141.233

■ 82, 62.930,
138.956

■ 89, 7.331, 141.829

■ 81, 75.564,
138.056

■ 91, 6.584, 322.244

■ 93, 18.358,
325.062

■ 80, 86.896,
137.167

■ 80, 96.361,

136.395

■ 79, 103.366,
135.876

■ 79, 107.518,
135.718

■ 79, 108.717,
135.692

Harmonies

Complementary

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



85, 35.533, 140.562



75, 35.703, 323.300

Rectangle

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



85, 35.533, 140.562



85, 35.533, 190.562



85, 35.533, 320.562



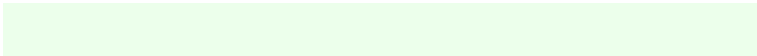
85, 35.533, 10.562

Sweetspot

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



85, 35.535, 140.563



98, 12.355, 141.665



87, 26.660, 103.120



52, 8.790, 141.577



0, 0.000, 0.000



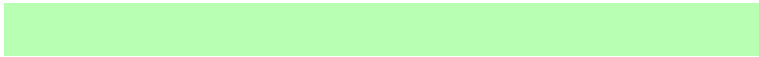
53, 0.007, 296.813

Same Dimension

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



85, 35.535, 140.563



94, 46.581, 140.197



85, 27.286, 156.502



46, 7.913, 141.584



63, 90.173, 135.609



16, 34.464, 137.898

Inverse Universe

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



75, 35.703, 323.300



81, 46.821, 323.538



75, 27.793, 340.666



44, 7.938, 322.508



39, 87.976, 324.837



7, 35.819, 325.279

Previews

White Background



This preview shows how the CIELCh color 85, 35.533, 140.562 looks on a white background.

Color Contrast Check

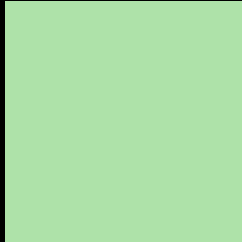
Large Text (above 18pt) WCAG AA × Fail

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, 35.533, 140.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

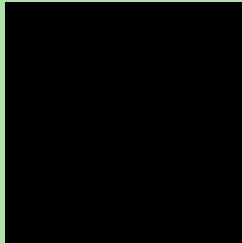
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 35.533, 140.562

Background



This preview shows how black text looks on a background with the CIELCh color 85, 35.533, 140.562.



This preview shows how white text looks on a background with the CIELCh color 85, 35.533, 140.562.

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, 35.533, 140.562

Protanopia
85, 26.281, 94.845

Deuteranopia
85, 23.087, 62.759



Tritanopia
85, 13.733, 239.682

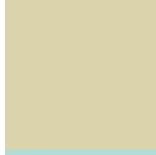
Trichromacy



Original Color
85, 35.533, 140.562



Protanomaly
85, 27.284, 115.225



Deuteranomaly
84, 21.149, 99.867

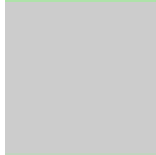


Tritanomaly
85, 14.734, 177.419

Monochromacy



Original Color
85, 35.533, 140.562



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 13.153, 141.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 35.533, 140.562 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(174, 226, 169)` looks like.

```
.text, #text, p{  
    color:rgb(174, 226, 169)  
}
```

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(174, 226, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 226, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 35.533, 140.562 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(174, 226, 169) }
```

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

```
.border{ border-color:rgb(174, 226, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 226, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 226, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 226, 169);  
box-shadow:4px 4px 4px 4px rgb(174, 226,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 35.533, 140.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 226, 169) }
```

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

```
.background{ background-color: rgb(174,  
226, 169) }
```

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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