

Converting Colors

CIELCh(85, 53.538, 131.625)

Have a look what the booklet for
CIELCh(85, 53.538, 131.625)
contains.

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Color

CIELCh(85, 53.824, 131.552)

Conversions

Conversions Part 1

Format	Color
Hex	A9E586
RGB	169, 229, 134
RGB Percent	66%, 90%, 53%
CMY	0.3383, 0.1030, 0.4755
CMYK	0.26, 0.00, 0.42, 0.10
HSL	98°, 64%, 71%
HSV	98°, 42%, 90%
XYZ	48.5340, 66.0070, 32.6444
YIQ	200.2300, -5.2650, -42.2650

Conversions

Conversions Part 2

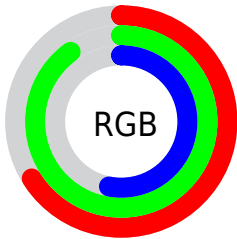
Format	Color
RYB	134, 229, 194
Decimal	11134342
CIELab	85.00, -35.70, 40.28
CIElCh	85, 53.824, 131.552
Yxy	66.0070, 0.3297, 0.4485
Android (android.graphics.Color)	4289324422 (0xFFA9E586)
YUV	200.2300, -32.6514, -27.3887
Hunter-Lab	81.2447, -35.5458, 33.0484

Details

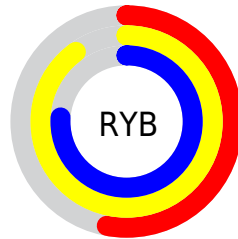
The CIELCh color **85, 53.824, 131.552** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **65, 56.057, 315.352**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 35.568, 125.395**, and **65, 53.993, 131.573** is the 20% darker color. If you saturate the color by 10%, you get **84, 66.057, 131.068**, and if you desaturate by 10%, it is **86, 41.091, 132.067**.

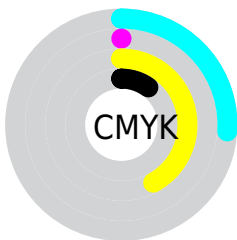
Distribution



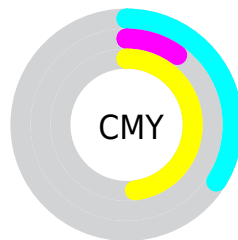
- Red (66%)
- Green (90%)
- Blue (53%)



- Red (53%)
- Yellow (90%)
- Blue (76%)



- Cyan (26%)
- Magenta (0%)
- Yellow (42%)
- Black (10%)





- Cyan (34%)
- Magenta (10%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 53.824, 131.552 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, 53.824, 131.552 by changing the saturation by 10% instead.


 85, 53.824,
131.552


 85, 53.824,
131.552


 100, 53.824,
131.552


 75, 53.824,
131.552

 65, 53.824,
131.552

 55, 53.824,
131.552

 45, 53.824,
131.552

 35, 53.824,
131.552

 25, 53.824,
131.552

 15, 53.824,

131.552

■ 5, 53.824, 131.552

■ 0, 53.824, 131.552

■ 85, 53.824,
131.552

■ 85, 53.824,
131.552

■ 84, 66.057,
131.068

■ 86, 41.091,
132.067

■ 83, 77.443,
130.677

■ 88, 28.098,
132.573

■ 82, 87.518,
130.478

■ 89, 15.017,
133.050


■ 82, 95.720,
130.601


■ 91, 1.971, 133.559

■ 81, 101.552,

■ 92, 10.954,
313.840

131.164

 94, 16.417,
324.993

 81, 104.745,
131.935

Harmonies

Complementary

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



85, 53.824, 131.552



65, 56.057, 315.352

Rectangle

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



85, 53.824, 131.552



85, 53.824, 181.552



85, 53.824, 311.552



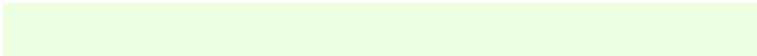
85, 53.824, 1.552

Sweetspot

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



85, 53.826, 131.553



98, 17.079, 133.025



80, 34.716, 81.376



52, 11.333, 132.964



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, 53.826, 131.553



93, 70.129, 131.124



83, 55.611, 144.431



47, 7.414, 133.146



64, 86.778, 131.701



18, 33.593, 131.643

Inverse Universe

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



65, 56.057, 315.352



66, 73.655, 315.706



68, 55.529, 330.258



45, 7.489, 313.912



31, 92.837, 315.326



5, 36.400, 315.722

Previews

White Background



This preview shows how the CIELCh color 85, 53.824, 131.552 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, 53.824, 131.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

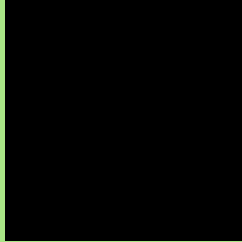
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 53.824, 131.552

Background



This preview shows how black text looks on a background with the CIELCh color 85, 53.824, 131.552.

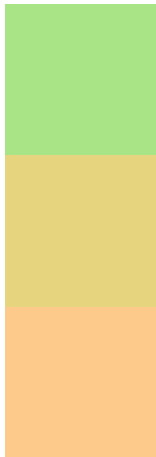


This preview shows how white text looks on a background with the CIELCh color 85, 53.824, 131.552.

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, 53.824, 131.552

Protanopia
85, 44.536, 96.142

Deuteranopia
85, 39.415, 74.084

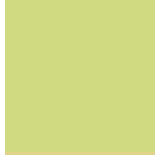


Tritanopia
85, 13.974, 238.820

Trichromacy



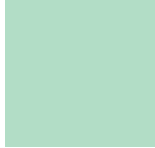
Original Color
85, 53.824, 131.552



Protanomaly
85, 45.734, 111.353



Deuteranomaly
84, 38.579, 100.132



Tritanomaly
85, 19.693, 160.167

Monochromacy



Original Color
85, 53.824, 131.552



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 19.629, 132.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 53.824, 131.552 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(169, 229, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 229, 134)  
}
```

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(169, 229, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 229, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 53.824, 131.552 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(169, 229, 134) }
```

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

```
.border{ border-color:rgb(169, 229, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 229, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 229, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 229, 134);  
box-shadow:4px 4px 4px 4px rgb(169, 229,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 53.824, 131.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 229, 134) }
```

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

```
.background{ background-color: rgb(169,  
229, 134) }
```

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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