

Converting Colors

CIELCh(85, 66.525, 137.659)

Have a look what the booklet for
CIELCh(85, 66.525, 137.659)
contains.

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Color

CIELCh(85, 66.199, 137.662)

Conversions

Conversions Part 1

Format	Color
Hex	8BEA7C
RGB	139, 234, 124
RGB Percent	55%, 92%, 49%
CMY	0.4537, 0.0811, 0.5126
CMYK	0.41, 0.00, 0.47, 0.08
HSL	112°, 73%, 70%
HSV	112°, 47%, 92%
XYZ	43.8711, 66.0070, 29.5944
YIQ	193.0550, -21.3100, -54.3500

Conversions

Conversions Part 2

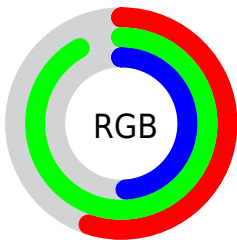
Format	Color
RYB	124, 234, 219
Decimal	9169532
CIELab	85.00, -48.93, 44.59
CIElCh	85, 66.199, 137.662
Yxy	66.0070, 0.3146, 0.4733
Android (android.graphics.Color)	4287359612 (0xFF8BEA7C)
YUV	193.0550, -34.0441, -47.4062
Hunter-Lab	81.2447, -45.7905, 35.2742

Details

The CIELCh color **85, 66.199, 137.662** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66, 66.883, 322.786**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 44.772, 136.237**, and **65, 66.519, 137.617** is the 20% darker color. If you saturate the color by 10%, you get **84, 78.931, 136.864**, and if you desaturate by 10%, it is **86, 52.597, 138.439**.

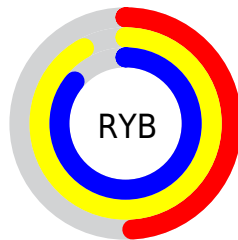
Distribution



Red (55%)

Green (92%)

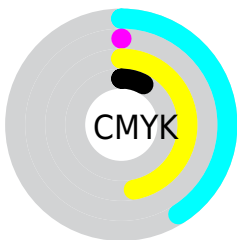
Blue (49%)



Red (49%)

Yellow (92%)

Blue (86%)

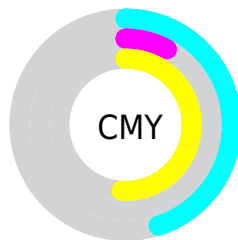


Cyan (41%)

Magenta (0%)

Yellow (47%)

Black (8%)



Cyan (45%)


Magenta (8%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 66.199, 137.662 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, 66.199, 137.662 by changing the saturation by 10% instead.


 85, 66.199,
137.662


 85, 66.199,
137.662


 100, 66.199,
137.662


 75, 66.199,
137.662

 65, 66.199,
137.662

 55, 66.199,
137.662

 45, 66.199,
137.662

 35, 66.199,
137.662


 25, 66.199,
137.662


 15, 66.199,

137.662


 5, 66.199, 137.662


 0, 66.199, 137.662


 85, 66.199,
137.662


 85, 66.199,
137.662


 84, 78.931,
136.864


 86, 52.597,
138.439

 83, 90.303,
136.117


 88, 38.498,
139.154

 82, 99.722,
135.536

 90, 24.185,
139.792

 82, 106.586,
135.255

 91, 9.869, 140.361

 82, 110.568,

 93, 4.301, 320.753

135.354

95, 12.905,
324.866

81, 111.400,
135.391

Harmonies

Complementary

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



85, 66.199, 137.662



66, 66.883, 322.786

Rectangle

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



85, 66.199, 137.662



85, 66.199, 187.662



85, 66.199, 317.662



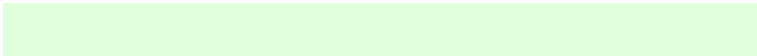
85, 66.199, 7.662

Sweetspot

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



85, 66.200, 137.663



97, 21.362, 139.963



87, 48.281, 97.919



51, 14.761, 139.835



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, 66.200, 137.663



91, 83.238, 136.919



85, 53.440, 151.877



48, 8.082, 140.222



64, 91.693, 135.278



19, 37.078, 136.029

Inverse Universe

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



66, 66.883, 322.786



67, 83.985, 323.095



67, 54.336, 340.325



46, 8.115, 321.100



39, 90.311, 322.999



8, 38.567, 323.731

Previews

White Background



This preview shows how the CIELCh color 85, 66.199, 137.662 looks on a white background.

Color Contrast Check

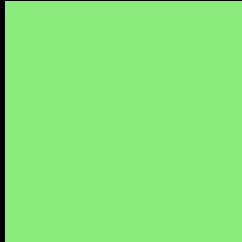
Large Text (above 18pt) WCAG AA × Fail

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, 66.199, 137.662 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, 66.199, 137.662

Background



This preview shows how black text looks on a background with the CIELCh color 85, 66.199, 137.662.

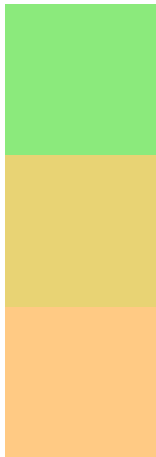


This preview shows how white text looks on a background with the CIELCh color 85, 66.199, 137.662.

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, 66.199, 137.662

Protanopia
84, 49.536, 95.640

Deuteranopia
85, 43.243, 76.022

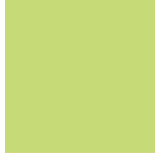


Tritanopia
85, 20.998, 225.282

Trichromacy



Original Color
85, 66.199, 137.662



Protanomaly
84, 51.566, 115.354



Deuteranomaly
84, 43.703, 106.899

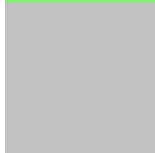


Tritanomaly
85, 29.658, 166.377

Monochromacy



Original Color
85, 66.199, 137.662



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 25.008, 139.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 66.199, 137.662 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(139, 234, 124)` looks like.

```
.text, #text, p{  
    color:rgb(139, 234, 124)  
}
```

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(139, 234, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 234, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 66.199, 137.662 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(139, 234, 124) }
```

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

```
.border{ border-color:rgb(139, 234, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 234, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 234, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 234, 124);  
box-shadow:4px 4px 4px 4px rgb(139, 234,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 66.199, 137.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 234, 124) }
```

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

```
.background{ background-color: rgb(139,  
234, 124) }
```

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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