

Converting Colors

CIELCh(85, 66.248, 136.157)

Have a look what the booklet for
CIELCh(85, 66.248, 136.157)
contains.

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Color

CIELCh(85, 66.304, 136.341)

Conversions

Conversions Part 1

Format	Color
Hex	8FEA7A
RGB	143, 234, 122
RGB Percent	56%, 92%, 48%
CMY	0.4397, 0.0828, 0.5220
CMYK	0.39, 0.00, 0.48, 0.08
HSL	109°, 73%, 70%
HSV	109°, 48%, 92%
XYZ	44.2006, 66.0070, 28.7872
YIQ	194.0230, -18.2840, -54.1240

Conversions

Conversions Part 2

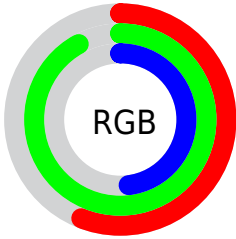
Format	Color
RYB	122, 234, 213
Decimal	9431674
CIELab	85.00, -47.97, 45.77
CIELCh	85, 66.304, 136.341
Yxy	66.0070, 0.3180, 0.4749
Android (android.graphics.Color)	4287621754 (0xFF8FEA7A)
YUV	194.0230, -35.5073, -44.7472
Hunter-Lab	81.2447, -45.0666, 35.8632

Details

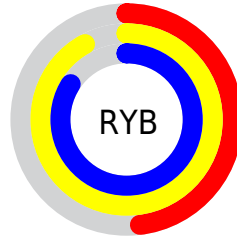
The CIELCh color **85, 66.304, 136.341** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65, 67.456, 321.252**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 44.955, 134.113**, and **65, 66.624, 136.408** is the 20% darker color. If you saturate the color by 10%, you get **84, 78.802, 135.646**, and if you desaturate by 10%, it is **86, 52.957, 137.042**.

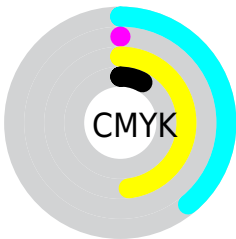
Distribution



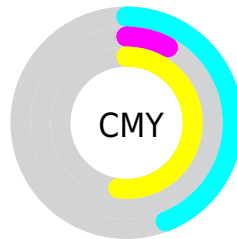
- Red (56%)
- Green (92%)
- Blue (48%)



- Red (48%)
- Yellow (92%)
- Blue (84%)



- Cyan (39%)
- Magenta (0%)
- Yellow (48%)
- Black (8%)





- Cyan (44%)
- Magenta (8%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 66.304, 136.341 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, 66.304, 136.341 by changing the saturation by 10% instead.


 85, 66.304,
136.341


 85, 66.304,
136.341


 100, 66.304,
136.341


 75, 66.304,
136.341

 65, 66.304,
136.341

 55, 66.304,
136.341

 45, 66.304,
136.341

 35, 66.304,
136.341


 25, 66.304,
136.341


 15, 66.304,

136.341


 5, 66.304, 136.341


 0, 66.304, 136.341


 85, 66.304,
136.341


 85, 66.304,
136.341


 84, 78.802,
135.646


 86, 52.957,
137.042


 83, 89.969,
135.035


 88, 39.123,
137.703

 82, 99.218,
134.627

 89, 25.071,
138.303

 82, 105.957,
134.554

 91, 11.001,
138.842

 82, 109.926,

 93, 2.947, 319.197

134.865

95, 13.183,
324.876

81, 110.556,
134.929

Harmonies

Complementary

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



85, 66.304, 136.341



65, 67.456, 321.252

Rectangle

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



85, 66.304, 136.341



85, 66.304, 186.341



85, 66.304, 316.341



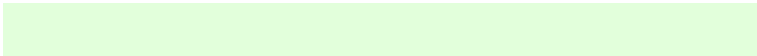
85, 66.304, 6.341

Sweetspot

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



85, 66.305, 136.342



97, 21.024, 138.515



85, 47.066, 94.667



51, 14.527, 138.396



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, 66.305, 136.342



91, 83.343, 135.687



85, 56.545, 149.795



48, 7.955, 138.759



64, 91.093, 134.784



19, 36.681, 135.188

Inverse Universe

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



65, 67.456, 321.252



66, 84.804, 321.540



66, 57.041, 338.017



46, 7.997, 319.593



37, 90.899, 321.159



7, 38.625, 322.073

Previews

White Background



This preview shows how the CIELCh color 85, 66.304, 136.341 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, 66.304, 136.341 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, 66.304, 136.341

Background



This preview shows how black text looks on a background with the CIELCh color 85, 66.304, 136.341.



This preview shows how white text looks on a background with the CIELCh color 85, 66.304, 136.341.

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, 66.304, 136.341

Protanopia
84, 50.482, 95.732

Deuteranopia
85, 43.694, 76.292

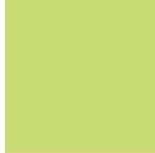


Tritanopia
85, 20.239, 226.422

Trichromacy



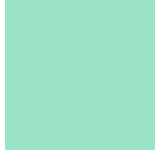
Original Color
85, 66.304, 136.341



Protanomaly
84, 52.362, 114.255



Deuteranomaly
84, 44.191, 106.319

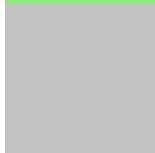


Tritanomaly
85, 29.190, 164.672

Monochromacy



Original Color
85, 66.304, 136.341



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 25.243, 138.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 66.304, 136.341 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(143, 234, 122)` looks like.

```
.text, #text, p{  
    color:rgb(143, 234, 122)  
}
```

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(143, 234, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 234, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 66.304, 136.341 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(143, 234, 122) }
```

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

```
.border{ border-color:rgb(143, 234, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 234, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 234, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 234, 122);  
box-shadow:4px 4px 4px 4px rgb(143, 234,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 66.304, 136.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 234, 122) }
```

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

```
.background{ background-color: rgb(143,  
234, 122) }
```

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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