

Converting Colors

CIELCh(84, 67.644, 143.514)

Have a look what the booklet for
CIELCh(84, 67.644, 143.514)
contains.

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Color

CIELCh(84, 67.889, 143.455)

Conversions

Conversions Part 1

Format	Color
Hex	74EA82
RGB	116, 234, 130
RGB Percent	45%, 92%, 51%
CMY	0.5457, 0.0830, 0.4907
CMYK	0.50, 0.00, 0.44, 0.08
HSL	127°, 74%, 69%
HSV	127°, 50%, 92%
XYZ	40.5788, 64.0658, 31.2956
YIQ	186.8620, -36.9440, -57.3600

Conversions

Conversions Part 2

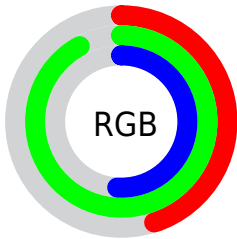
Format	Color
RYB	116, 221, 234
Decimal	7662210
CIELab	84.00, -54.54, 40.42
CIELCh	84, 67.889, 143.455
Yxy	64.0658, 0.2985, 0.4713
Android (android.graphics.Color)	4285852290 (0xFF74EA82)
YUV	186.8620, -28.0330, -62.1460
Hunter-Lab	80.0411, -49.5768, 32.8467

Details

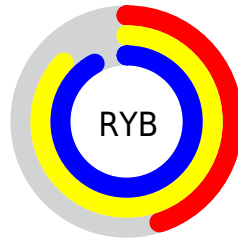
The CIELCh color **84, 67.889, 143.455** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66, 67.459, 330.866**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 46.336, 145.317**, and **64, 67.950, 143.388** is the 20% darker color. If you saturate the color by 10%, you get **83, 79.675, 142.169**, and if you desaturate by 10%, it is **85, 55.140, 144.603**.

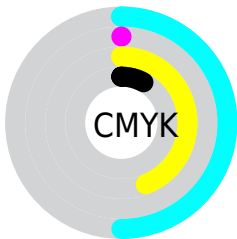
Distribution



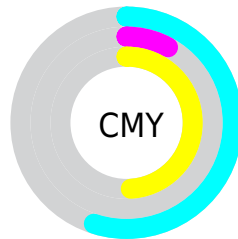
- Red (45%)
- Green (92%)
- Blue (51%)



- Red (45%)
- Yellow (87%)
- Blue (92%)



- Cyan (50%)
- Magenta (0%)
- Yellow (44%)
- Black (8%)



- Cyan (55%)
- Magenta (8%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 67.889, 143.455 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, 67.889, 143.455 by changing the saturation by 10% instead.

 84, 67.889,
143.455

 84, 67.889,
143.455


 100, 67.889,
143.455

 74, 67.889,
143.455


 64, 67.889,
143.455

 54, 67.889,
143.455

 44, 67.889,
143.455

 34, 67.889,
143.455

 24, 67.889,
143.455

 14, 67.889,

143.455

■ 4, 67.889, 143.455

■ 0, 67.889, 143.455

■ 84, 67.889,
143.455

■ 84, 67.889,
143.455

■ 83, 79.675,
142.169

■ 85, 55.140,
144.603

■ 82, 90.116,
140.778

■ 87, 41.770,
145.604

■ 82, 98.822,
139.354

■ 88, 28.075,
146.468

■ 81, 105.426,
138.012

■ 90, 14.296,
147.216

■ 81, 109.597,

■ 93, 0.618, 148.344

136.977

95, 12.582,
326.855

95, 13.205,
324.877

Harmonies

Complementary

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



84, 67.889, 143.455



66, 67.459, 330.866

Rectangle

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



84, 67.889, 143.455



84, 67.889, 193.455



84, 67.889, 323.455



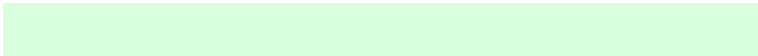
84, 67.889, 13.455

Sweetspot

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



84, 67.890, 143.455



97, 22.041, 146.884



90, 59.002, 110.846



51, 15.050, 146.724



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, 67.890, 143.455



90, 86.050, 142.058



85, 45.442, 164.881



48, 7.778, 147.285



64, 90.071, 137.167



18, 35.992, 140.427

Inverse Universe

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



66, 67.459, 330.866



67, 84.592, 331.498



64, 50.438, 356.841



46, 7.795, 328.380



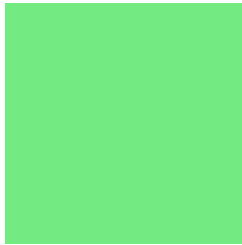
42, 81.430, 333.597



9, 35.345, 332.724

Previews

White Background



This preview shows how the CIE LCh color 84, 67.889, 143.455 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, 67.889, 143.455 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, 67.889, 143.455

Background



This preview shows how black text looks on a background with the CIELCh color 84, 67.889, 143.455.

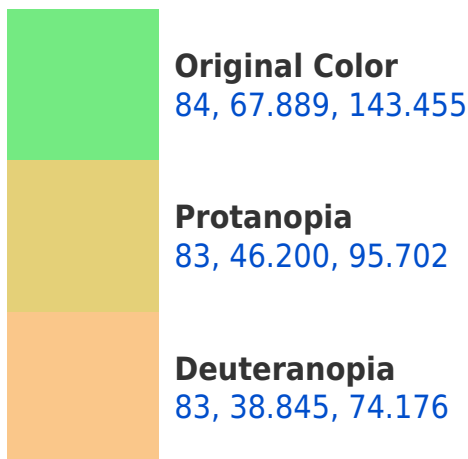


This preview shows how white text looks on a background with the CIELCh color 84, 67.889, 143.455.

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, 25.907, 219.587

Trichromacy



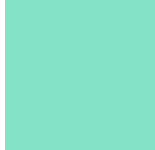
Original Color
84, 67.889, 143.455



Protanomaly
83, 49.146, 120.266



Deuteranomaly
83, 40.073, 113.041

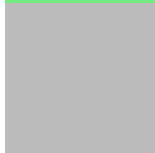


Tritanomaly
84, 34.432, 172.527

Monochromacy



Original Color
84, 67.889, 143.455



Achromatopsia
76, 0.009, 296.813



Achromatomaly
78, 25.933, 146.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 67.889, 143.455 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(116, 234, 130)` looks like.

```
.text, #text, p{  
    color:rgb(116, 234, 130)  
}
```

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(116, 234, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 234, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 67.889, 143.455 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(116, 234, 130) }
```

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

```
.border{ border-color:rgb(116, 234, 130) }
```

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

Here you see how a box with a 4 pixel rgb(116, 234, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 234, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 234, 130);  
box-shadow:4px 4px 4px 4px rgb(116, 234,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 67.889, 143.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 234, 130) }
```

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

```
.background{ background-color: rgb(116,  
234, 130) }
```

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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