

Converting Colors

CIELCh(84, 65.544, 145.037)

Have a look what the booklet for
CIELCh(84, 65.544, 145.037)
contains.

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Color

CIELCh(84, 65.667, 145.151)

Conversions

Conversions Part 1

Format	Color
Hex	73EA88
RGB	115, 234, 136
RGB Percent	45%, 92%, 53%
CMY	0.5502, 0.0835, 0.4677
CMYK	0.51, 0.00, 0.42, 0.08
HSL	131°, 74%, 68%
HSV	131°, 51%, 92%
XYZ	40.7897, 64.0658, 33.4053
YIQ	187.2470, -39.4660, -55.7060

Conversions

Conversions Part 2

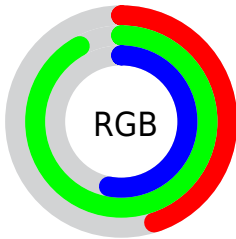
Format	Color
RYB	115, 216, 234
Decimal	7596680
CIELab	84.00, -53.89, 37.52
CIElCh	84, 65.667, 145.151
Yxy	64.0658, 0.2950, 0.4634
Android (android.graphics.Color)	4285786760 (0xFF73EA88)
YUV	187.2470, -25.2648, -63.3606
Hunter-Lab	80.0411, -49.1066, 31.2840

Details

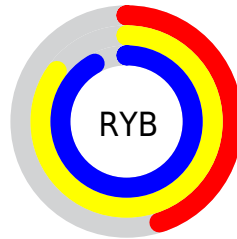
The CIELCh color **84, 65.667, 145.151** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65, 65.367, 333.035**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 44.112, 147.963**, and **64, 65.718, 145.050** is the 20% darker color. If you saturate the color by 10%, you get **83, 77.009, 143.803**, and if you desaturate by 10%, it is **85, 53.446, 146.341**.

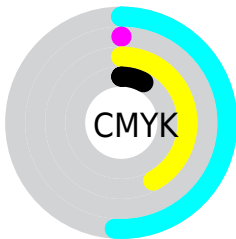
Distribution



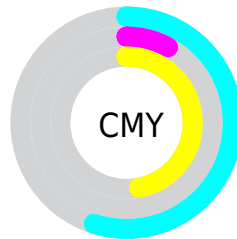
- Red (45%)
- Green (92%)
- Blue (53%)



- Red (45%)
- Yellow (85%)
- Blue (92%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (8%)





- Cyan (55%)
- Magenta (8%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 65.667, 145.151 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, 65.667, 145.151 by changing the saturation by 10% instead.


 84, 65.667,
145.151


 84, 65.667,
145.151


 100, 65.667,
145.151


 74, 65.667,
145.151

 64, 65.667,
145.151

 54, 65.667,
145.151

 44, 65.667,
145.151

 34, 65.667,
145.151


 24, 65.667,
145.151


 14, 65.667,


145.151


 4, 65.667, 145.151


 0, 65.667, 145.151


 84, 65.667,
145.151


 84, 65.667,
145.151

 83, 77.009,
143.803


 85, 53.446,
146.341


 82, 87.152,
142.314


 87, 40.642,
147.375

 82, 95.789,
140.733

 88, 27.526,
148.267

 81, 102.646,
139.153

 90, 14.318,
149.042

 81, 107.221,

 92, 1.195, 149.958

137.869

95, 11.715,
330.210

95, 13.297,
324.880

Harmonies

Complementary

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



84, 65.667, 145.151



65, 65.367, 333.035

Rectangle

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



84, 65.667, 145.151



84, 65.667, 195.151



84, 65.667, 325.151



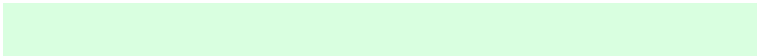
84, 65.667, 15.151

Sweetspot

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



84, 65.668, 145.151



97, 21.144, 148.733



89, 59.763, 113.103



51, 14.437, 148.569



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, 65.668, 145.151



90, 82.683, 143.751



85, 43.836, 168.064



48, 7.462, 149.147



64, 88.037, 138.119



18, 34.921, 141.582

Inverse Universe

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



65, 65.367, 333.035



66, 81.365, 333.761



63, 50.056, 0.496



46, 7.483, 330.282



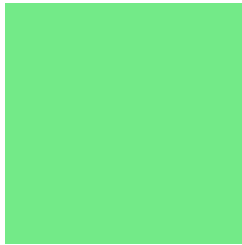
41, 77.884, 336.759



9, 34.014, 335.302

Previews

White Background



This preview shows how the CIELCh color 84, 65.667, 145.151 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, 65.667, 145.151 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, 65.667, 145.151

Background



This preview shows how black text looks on a background with the CIELCh color 84, 65.667, 145.151.



This preview shows how white text looks on a background with the CIELCh color 84, 65.667, 145.151.

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

84, 65.667, 145.151

Protanopia

83, 43.202, 95.867

Deuteranopia

83, 35.669, 73.023



Tritanopia
84, 26.510, 217.775

Trichromacy



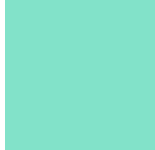
Original Color
84, 65.667, 145.151



Protanomaly
83, 46.427, 121.763



Deuteranomaly
83, 37.141, 114.379



Tritanomaly
84, 34.367, 174.388

Monochromacy



Original Color
84, 65.667, 145.151



Achromatopsia
76, 0.009, 296.813



Achromatomaly
78, 25.083, 147.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 65.667, 145.151 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(115, 234, 136)` looks like.

```
.text, #text, p{  
    color:rgb(115, 234, 136)  
}
```

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(115, 234, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 234, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 65.667, 145.151 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(115, 234, 136) }
```

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

```
.border{ border-color:rgb(115, 234, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 234, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 234, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 234, 136);  
box-shadow:4px 4px 4px 4px rgb(115, 234,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 65.667, 145.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 234, 136) }
```

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

```
.background{ background-color: rgb(115,  
234, 136) }
```

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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