

Converting Colors

CIELCh(84, 65.094, 142.231)

Have a look what the booklet for
CIELCh(84, 65.094, 142.231)
contains.

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Color

CIELCh(84, 65.332, 142.166)

Conversions

Conversions Part 1

Format	Color
Hex	7DE983
RGB	125, 233, 131
RGB Percent	49%, 91%, 51%
CMY	0.5110, 0.0875, 0.4874
CMYK	0.46, 0.00, 0.44, 0.09
HSL	123°, 71%, 70%
HSV	123°, 46%, 91%
XYZ	41.5378, 64.0658, 31.5465
YIQ	189.0800, -31.6260, -54.6180

Conversions

Conversions Part 2

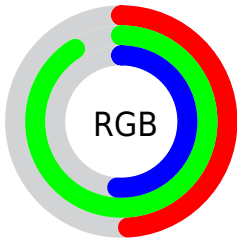
Format	Color
RYB	125, 227, 233
Decimal	8251779
CIELab	84.00, -51.60, 40.07
CIElCh	84, 65.332, 142.166
Yxy	64.0658, 0.3029, 0.4671
Android (android.graphics.Color)	4286441859 (0xFF7DE983)
YUV	189.0800, -28.6334, -56.1982
Hunter-Lab	80.0411, -47.4383, 32.6609

Details

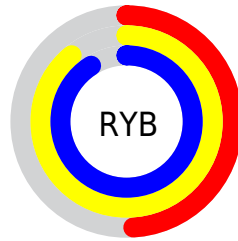
The CIELCh color **84, 65.332, 142.166** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68, 65.034, 328.556**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 44.272, 143.206**, and **64, 65.247, 142.031** is the 20% darker color. If you saturate the color by 10%, you get **83, 77.930, 140.991**, and if you desaturate by 10%, it is **85, 51.810, 143.220**.

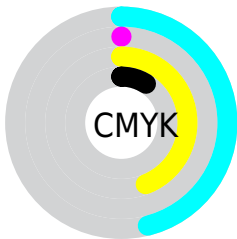
Distribution



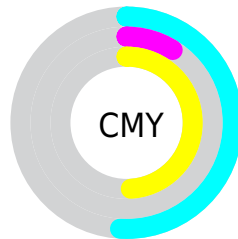
- Red (49%)
- Green (91%)
- Blue (51%)



- Red (49%)
- Yellow (89%)
- Blue (91%)



- Cyan (46%)
- Magenta (0%)
- Yellow (44%)
- Black (9%)





- Cyan (51%)
- Magenta (9%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 65.332, 142.166 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, 65.332, 142.166 by changing the saturation by 10% instead.


 84, 65.332,
142.166


 84, 65.332,
142.166


 100, 65.332,
142.166


 74, 65.332,
142.166

 64, 65.332,
142.166

 54, 65.332,
142.166

 44, 65.332,
142.166

 34, 65.332,
142.166


 24, 65.332,
142.166

 14, 65.332,


142.166


 4, 65.332, 142.166


 0, 65.332, 142.166

 84, 65.332,
142.166


 84, 65.332,
142.166


 83, 77.930,
140.991


 85, 51.810,
143.220

 82, 89.158,
139.738


 87, 37.736,
144.142

 81, 98.527,
138.491

 89, 23.418,
144.936


 81, 105.549,
137.376


 91, 9.097, 145.629

 81, 109.881,

 93, 5.053, 326.107

136.538

 95, 13.932,
324.903

 81, 110.828,
136.361

Harmonies

Complementary

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



84, 65.332, 142.166



68, 65.034, 328.556

Rectangle

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



84, 65.332, 142.166



84, 65.332, 192.166



84, 65.332, 322.166



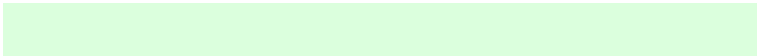
84, 65.332, 12.166

Sweetspot

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



84, 65.333, 142.166



97, 21.490, 145.106



90, 54.206, 108.062



51, 14.850, 144.949



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, 65.333, 142.166



90, 83.344, 141.008



85, 44.496, 161.517



48, 8.128, 145.424



64, 91.586, 136.478



18, 37.173, 139.252

Inverse Universe

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



68, 65.034, 328.556



69, 82.440, 329.047



66, 47.703, 351.661



46, 8.142, 326.485



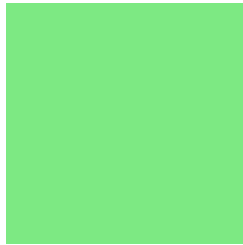
42, 85.542, 330.581



9, 36.866, 330.219

Previews

White Background



This preview shows how the CIELCh color 84, 65.332, 142.166 looks on a white background.

Color Contrast Check

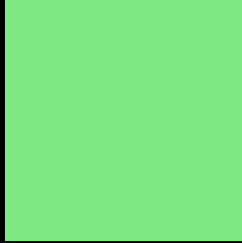
Large Text (above 18pt) WCAG AA × Fail

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, 65.332, 142.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

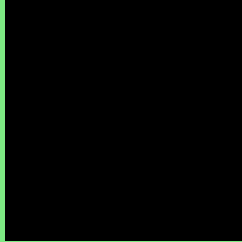
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 65.332, 142.166

Background



This preview shows how black text looks on a background with the CIELCh color 84, 65.332, 142.166.

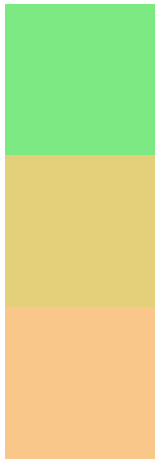


This preview shows how white text looks on a background with the CIELCh color 84, 65.332, 142.166.

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, 65.332, 142.166

Protanopia
83, 45.233, 95.585

Deuteranopia
83, 38.398, 73.833



Tritanopia
84, 23.987, 221.547

Trichromacy



Original Color
84, 65.332, 142.166



Protanomaly
83, 48.373, 119.094



Deuteranomaly
82, 38.945, 110.923

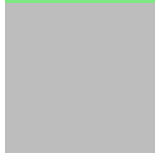


Tritanomaly
84, 31.901, 171.675

Monochromacy



Original Color
84, 65.332, 142.166



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 24.583, 144.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 65.332, 142.166 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(125, 233, 131)` looks like.

```
.text, #text, p{  
    color:rgb(125, 233, 131)  
}
```

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(125, 233, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 233, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 65.332, 142.166 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(125, 233, 131) }
```

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

```
.border{ border-color:rgb(125, 233, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 233, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 233, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 233, 131); box-shadow:4px 4px 4px 4px rgb(125, 233, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 65.332, 142.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 233, 131) }
```

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

```
.background{ background-color: rgb(125,  
233, 131) }
```

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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