

Converting Colors

CIELCh(86, 64.760, 144.239)

Have a look what the booklet for
CIELCh(86, 64.760, 144.239)
contains.

CIELCh(86, 65.005, 144.158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 65.005, 144.158)

Conversions

Conversions Part 1

Format	Color
Hex	7DEF8C
RGB	125, 239, 140
RGB Percent	49%, 94%, 55%
CMY	0.5098, 0.0627, 0.4510
CMYK	0.48, 0.00, 0.41, 0.06
HSL	128°, 78%, 71%
HSV	128°, 48%, 94%
XYZ	44.0581, 67.9871, 35.6124
YIQ	193.6280, -36.1650, -54.9570

Conversions

Conversions Part 2

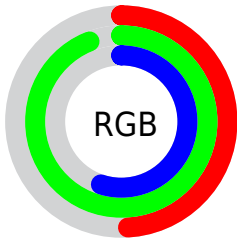
Format	Color
RYB	125, 226, 239
Decimal	8253324
CIELab	86.00, -52.70, 38.06
CIELCh	86, 65.005, 144.158
Yxy	67.9871, 0.2984, 0.4604
Android (android.graphics.Color)	4286443404 (0xFF7DEF8C)
YUV	193.6280, -26.4386, -60.1868
Hunter-Lab	82.4543, -48.9164, 32.1104

Details

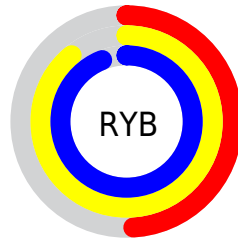
The CIELCh color **86, 65.005, 144.158** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68, 64.733, 331.155**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 40.150, 147.288**, and **66, 65.004, 144.075** is the 20% darker color. If you saturate the color by 10%, you get **85, 77.212, 142.895**, and if you desaturate by 10%, it is **87, 51.937, 145.274**.

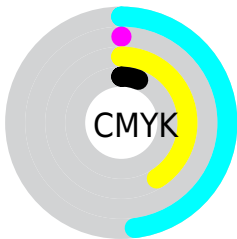
Distribution



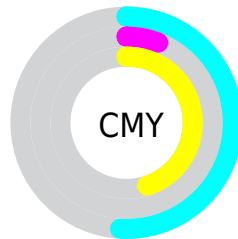
- Red (49%)
- Green (94%)
- Blue (55%)



- Red (49%)
- Yellow (89%)
- Blue (94%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (6%)





- Cyan (51%)
- Magenta (6%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 65.005, 144.158 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 86, 65.005, 144.158 by changing the saturation by 10% instead.


 86, 65.005,
144.158


 86, 65.005,
144.158


 100, 65.005,
144.158


 76, 65.005,
144.158

 66, 65.005,
144.158

 56, 65.005,
144.158

 46, 65.005,
144.158

 36, 65.005,
144.158


 26, 65.005,
144.158


 16, 65.005,


144.158


 6, 65.005, 144.158

 0, 65.005, 144.158


 86, 65.005,
144.158


 86, 65.005,
144.158


 85, 77.212,
142.895


 87, 51.937,
145.274


 84, 88.190,
141.506


 89, 38.334,
146.243


 83, 97.561,
140.047

 91, 24.476,
147.079

 83, 104.958,
138.615

 93, 10.591,
147.807

 83, 110.109,

 95, 3.152, 328.278

137.356

96, 9.973, 324.757

83, 111.002,
137.132

Harmonies

Complementary

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



86, 65.005, 144.158



68, 64.733, 331.155

Rectangle

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



86, 65.005, 144.158



86, 65.005, 194.158



86, 65.005, 324.158



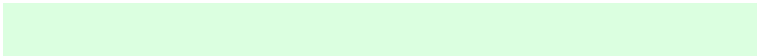
86, 65.005, 14.158

Sweetspot

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



86, 65.006, 144.158



97, 20.376, 147.354



91, 57.029, 111.031



51, 14.080, 147.192



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 65.006, 144.158



90, 80.479, 142.961



87, 44.015, 165.261



49, 7.845, 147.682



65, 90.637, 137.338



19, 37.102, 140.253

Inverse Universe

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



68, 64.733, 331.155



68, 79.499, 331.736



66, 48.634, 356.340



47, 7.863, 328.788



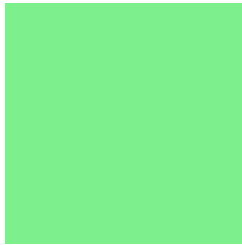
42, 81.458, 334.270



10, 36.069, 333.325

Previews

White Background



This preview shows how the CIE LCh color 86, 65.005, 144.158 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 86, 65.005, 144.158 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 86, 65.005, 144.158

Background



This preview shows how black text looks on a background with the CIELCh color 86, 65.005, 144.158.

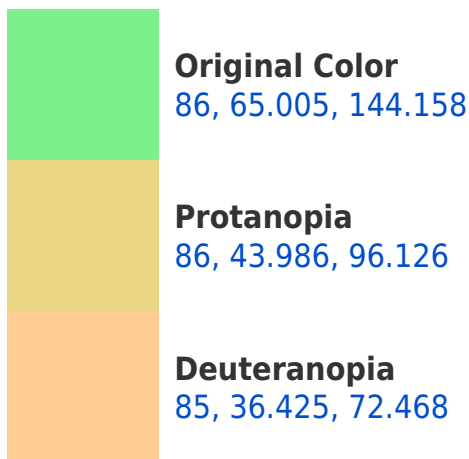



This preview shows how white text looks on a background with the CIELCh color 86, 65.005, 144.158.

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



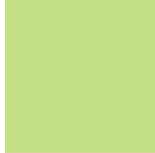


Tritanopia
86, 25.660, 219.725

Trichromacy



Original Color
86, 65.005, 144.158



Protanomaly
85, 46.963, 120.547



Deuteranomaly
85, 37.352, 112.494

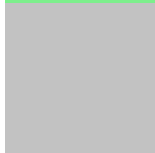


Tritanomaly
86, 32.794, 174.506

Monochromacy



Original Color
86, 65.005, 144.158



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 24.487, 146.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 65.005, 144.158 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, 239, 140)` looks like.

```
.text, #text, p{  
    color:rgb(125, 239, 140)  
}
```

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, 239, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 239, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 65.005, 144.158 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, 239, 140) }
```

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

```
.border{ border-color:rgb(125, 239, 140) }
```

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

Here you see how a box with a 4 pixel rgb(125, 239, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 239, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 239, 140);  
box-shadow:4px 4px 4px 4px rgb(125, 239,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 65.005, 144.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 239, 140) }
```

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

```
.background{ background-color: rgb(125,  
239, 140) }
```

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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