

Converting Colors

CIELCh(90, 67.542, 145.935)

Have a look what the booklet for
CIELCh(90, 67.542, 145.935)
contains.

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Color

CIELCh(90, 67.542, 145.935)

Conversions

Conversions Part 1

Format	Color
Hex	7EFC97
RGB	126, 252, 151
RGB Percent	49%, 99%, 59%
CMY	0.5058, 0.0117, 0.4078
CMYK	0.50, 0.00, 0.40, 0.01
HSL	132°, 95%, 74%
HSV	132°, 50%, 99%
XYZ	49.0096, 76.3034, 41.4295
YIQ	202.8120, -42.6750, -58.1230

Conversions

Conversions Part 2

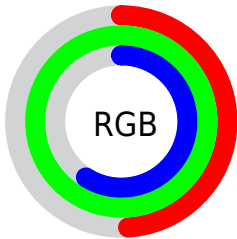
Format	Color
RYB	126, 231, 252
Decimal	8322199
CIELab	90.00, -55.95, 37.83
CIElCh	90, 67.542, 145.935
Yxy	76.3034, 0.2939, 0.4576
Android (android.graphics.Color)	4286512279 (0xFF7EFC97)
YUV	202.8120, -25.5433, -67.3641
Hunter-Lab	87.3518, -52.7164, 33.0260

Details

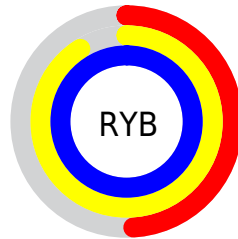
The CIELCh color **90, 67.542, 145.935** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **70, 67.358, 333.834**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 35.349, 152.080**, and **70, 67.235, 146.123** is the 20% darker color. If you saturate the color by 10%, you get **89, 79.507, 144.574**, and if you desaturate by 10%, it is **91, 54.693, 147.130**.

Distribution



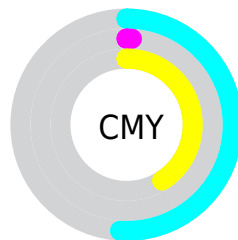
- Red (49%)
- Green (99%)
- Blue (59%)



- Red (49%)
- Yellow (91%)
- Blue (99%)



- Cyan (50%)
- Magenta (0%)
- Yellow (40%)
- Black (1%)





- Cyan (51%)
- Magenta (1%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 67.542, 145.935 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 90, 67.542, 145.935 by changing the saturation by 10% instead.


 90, 67.542,
145.935


 90, 67.542,
145.935


 100, 67.542,
145.935


 80, 67.542,
145.935


 70, 67.542,
145.935

 60, 67.542,
145.935


 50, 67.542,
145.935

 40, 67.542,
145.935


 30, 67.542,
145.935


 20, 67.542,

145.935


 10, 67.542,
145.935


 0, 67.542, 145.935


 90, 67.542,
145.935


 90, 67.542,
145.935


 89, 79.507,
144.574


 91, 54.693,
147.130


 88, 90.267,
143.057

 93, 41.263,
148.167

 88, 99.520,
141.425

 95, 27.524,
149.061

 87, 107.002,
139.759

 97, 13.706,
149.840

■ 87, 112.577,
138.218

■ 99, 0.015, 305.503

■ 99, 1.857, 324.340

■ 87, 112.578,
138.218

Harmonies

Complementary

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



90, 67.542, 145.935



70, 67.358, 333.834

Rectangle

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



90, 67.542, 145.935



90, 67.542, 195.935



90, 67.542, 325.935



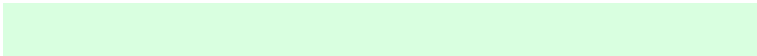
90, 67.542, 15.935

Sweetspot

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



90, 67.543, 145.935



97, 20.814, 149.462



95, 62.586, 113.897



51, 14.211, 149.296



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 67.543, 145.935



90, 80.264, 144.568



91, 45.201, 169.307



51, 7.738, 149.877



67, 89.958, 138.505



22, 38.297, 141.110

Inverse Universe

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



70, 67.358, 333.834



67, 79.185, 334.588



68, 52.039, 1.563



49, 7.762, 331.039



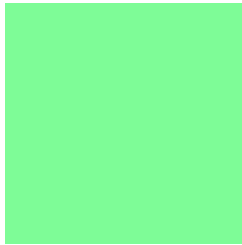
43, 78.992, 338.077



11, 36.417, 336.595

Previews

White Background



This preview shows how the CIE LCh color 90, 67.542, 145.935 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 90, 67.542, 145.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

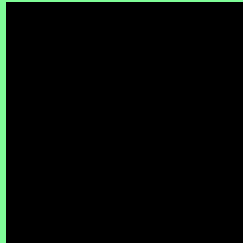
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

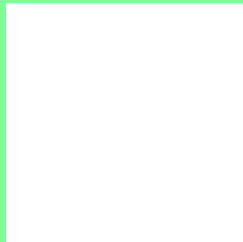
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 67.542, 145.935

Background



This preview shows how black text looks on a background with the CIELCh color 90, 67.542, 145.935.




This preview shows how white text looks on a background with the CIELCh color 90, 67.542, 145.935.

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



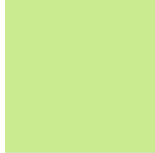


Tritanopia
90, 24.780, 219.089

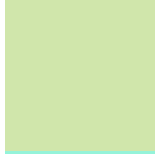
Trichromacy



Original Color
90, 67.542, 145.935



Protanomaly
89, 47.954, 122.073



Deuteranomaly
88, 31.537, 123.166

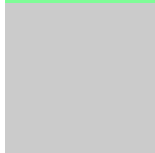


Tritanomaly
90, 33.926, 173.632

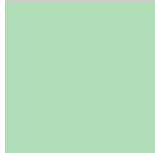
Monochromacy



Original Color
90, 67.542, 145.935



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 25.808, 148.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 67.542, 145.935 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(126, 252, 151)` looks like.

```
.text, #text, p{  
    color:rgb(126, 252, 151)  
}
```

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(126, 252, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 252, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 67.542, 145.935 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(126, 252, 151) }
```

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

```
.border{ border-color:rgb(126, 252, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 252, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 252, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 252, 151);  
box-shadow:4px 4px 4px 4px rgb(126, 252,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 67.542, 145.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 252, 151) }
```

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

```
.background{ background-color: rgb(126,  
252, 151) }
```

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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