

Converting Colors

CIELCh(86, 62.981, 145.581)

Have a look what the booklet for
CIELCh(86, 62.981, 145.581)
contains.

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Color

CIELCh(86, 62.997, 145.503)

Conversions

Conversions Part 1

Format	Color
Hex	7DEF91
RGB	125, 239, 145
RGB Percent	49%, 94%, 57%
CMY	0.5107, 0.0636, 0.4322
CMYK	0.48, 0.00, 0.39, 0.06
HSL	131°, 78%, 71%
HSV	131°, 48%, 94%
XYZ	44.3237, 67.9871, 37.4934
YIQ	194.1980, -37.7700, -53.4020

Conversions

Conversions Part 2

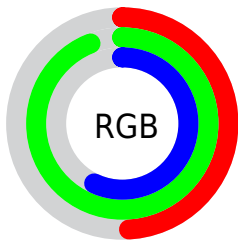
Format	Color
RYB	125, 222, 239
Decimal	8253329
CIELab	86.00, -51.92, 35.68
CIElCh	86, 62.997, 145.503
Yxy	67.9871, 0.2959, 0.4538
Android (android.graphics.Color)	4286443409 (0xFF7DEF91)
YUV	194.1980, -24.2546, -60.6866
Hunter-Lab	82.4543, -48.3414, 30.7578

Details

The CIELCh color **86, 62.997, 145.503** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68, 62.847, 332.775**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 38.148, 149.634**, and **66, 62.996, 145.457** is the 20% darker color. If you saturate the color by 10%, you get **85, 74.862, 144.203**, and if you desaturate by 10%, it is **87, 50.333, 146.644**.

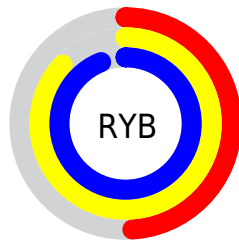
Distribution



Red (49%)

Green (94%)

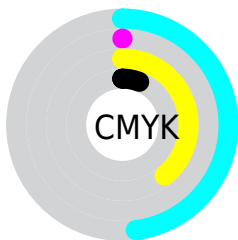
Blue (57%)



Red (49%)

Yellow (87%)

Blue (94%)

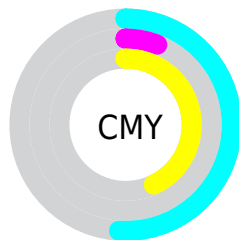


Cyan (48%)

Magenta (0%)

Yellow (39%)

Black (6%)



Cyan (51%)

Magenta (6%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 62.997, 145.503 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, 62.997, 145.503 by changing the saturation by 10% instead.


 86, 62.997,
145.503


 86, 62.997,
145.503


 100, 62.997,
145.503


 76, 62.997,
145.503

 66, 62.997,
145.503

 56, 62.997,
145.503

 46, 62.997,
145.503

 36, 62.997,
145.503


 26, 62.997,
145.503


 16, 62.997,


145.503

 6, 62.997, 145.503


 0, 62.997, 145.503


 86, 62.997,
145.503


 86, 62.997,
145.503

 85, 74.862,
144.203


 87, 50.333,
146.644


 84, 85.603,
142.754


 89, 37.166,
147.632

 83, 94.901,
141.194

 91, 23.755,
148.485

 83, 102.460,
139.603

 93, 10.313,
149.231

 83, 108.061,

 95, 2.996, 329.708

138.112

96, 10.110,
324.763

83, 109.080,
137.830

Harmonies

Complementary

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



86, 62.997, 145.503



68, 62.847, 332.775

Rectangle

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



86, 62.997, 145.503



86, 62.997, 195.503



86, 62.997, 325.503



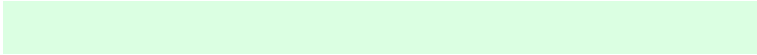
86, 62.997, 15.503

Sweetspot

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



86, 62.998, 145.503



97, 19.743, 148.770



91, 57.318, 113.294



51, 13.642, 148.604



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, 62.998, 145.503



90, 78.031, 144.277



87, 42.189, 168.496



49, 7.602, 149.106



65, 89.037, 138.081



19, 36.260, 141.154

Inverse Universe

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



68, 62.847, 332.775



68, 77.189, 333.430



66, 47.824, 359.873



47, 7.623, 330.244



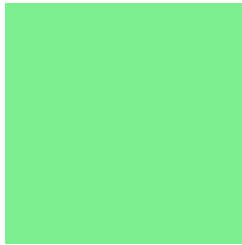
42, 78.756, 336.702



9, 35.026, 335.326

Previews

White Background



This preview shows how the CIE LCh color 86, 62.997, 145.503 looks on a white background.

Color Contrast Check

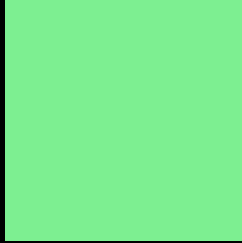
Large Text (above 18pt) WCAG AA × Fail

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, 62.997, 145.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

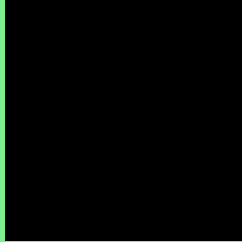
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 62.997, 145.503

Background



This preview shows how black text looks on a background with the CIELCh color 86, 62.997, 145.503.

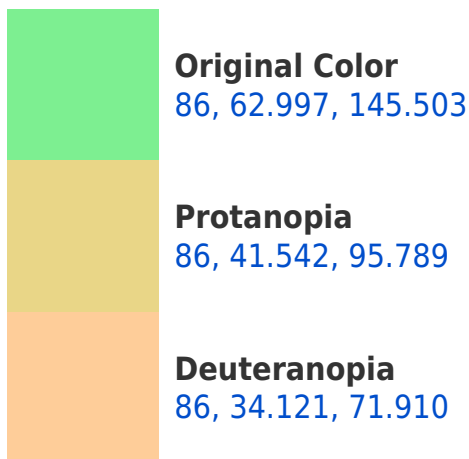


This preview shows how white text looks on a background with the CIELCh color 86, 62.997, 145.503.

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



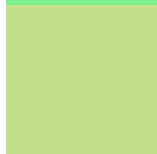


Tritanopia
86, 25.660, 219.725

Trichromacy



Original Color
86, 62.997, 145.503



Protanomaly
85, 44.589, 121.444



Deuteranomaly
85, 34.895, 113.716



Tritanomaly
86, 32.274, 176.163

Monochromacy



Original Color
86, 62.997, 145.503



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 23.644, 148.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 62.997, 145.503 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(125, 239, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 239, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 62.997, 145.503 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, 145) }
```

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

```
.border{ border-color:rgb(125, 239, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 239, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 239, 145); box-shadow:4px 4px 4px 4px rgb(125, 239, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 62.997, 145.503 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, 145) }
```

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

```
.background{ background-color: rgb(125,  
239, 145) }
```

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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