

Converting Colors

CIELCh(87, 54.185, 143.561)

Have a look what the booklet for
CIELCh(87, 54.185, 143.561)
contains.

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Color

CIELCh(87, 53.915, 143.688)

Conversions

Conversions Part 1

Format	Color
Hex	94EE9B
RGB	148, 238, 155
RGB Percent	58%, 93%, 61%
CMY	0.4186, 0.0656, 0.3911
CMYK	0.38, 0.00, 0.35, 0.07
HSL	125°, 73%, 76%
HSV	125°, 38%, 93%
XYZ	48.8543, 70.0064, 42.0610
YIQ	201.6280, -26.9970, -44.8930

Conversions

Conversions Part 2

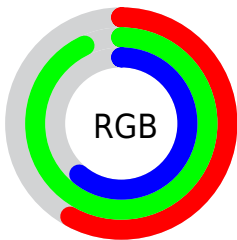
Format	Color
RYB	148, 232, 238
Decimal	9760411
CIELab	87.00, -43.44, 31.93
CIELCh	87, 53.915, 143.688
Yxy	70.0064, 0.3036, 0.4350
Android (android.graphics.Color)	4287950491 (0xFF94EE9B)
YUV	201.6280, -22.9876, -47.0318
Hunter-Lab	83.6698, -42.1971, 28.7637

Details

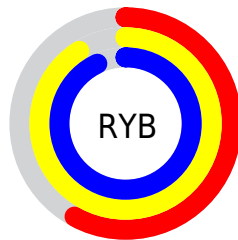
The CIELCh color **87, 53.915, 143.688** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 53.857, 328.774**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 29.241, 145.964**, and **67, 53.715, 143.848** is the 20% darker color. If you saturate the color by 10%, you get **86, 67.412, 142.602**, and if you desaturate by 10%, it is **89, 39.834, 144.637**.

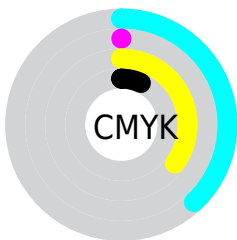
Distribution



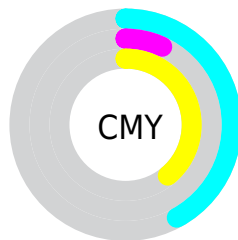
- Red (58%)
- Green (93%)
- Blue (61%)



- Red (58%)
- Yellow (91%)
- Blue (93%)



- Cyan (38%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (42%)
- Magenta (7%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 53.915, 143.688 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 87, 53.915, 143.688 by changing the saturation by 10% instead.

■ 87, 53.915,
143.688

■ 87, 53.915,
143.688

■ 100, 53.915,
143.688

■ 77, 53.915,
143.688

■ 67, 53.915,
143.688

■ 57, 53.915,
143.688


■ 47, 53.915,
143.688


■ 37, 53.915,
143.688

■ 27, 53.915,
143.688

■ 17, 53.915,


143.688


 7, 53.915, 143.688


 0, 53.915, 143.688


 87, 53.915,
143.688


 87, 53.915,
143.688


 86, 67.412,
142.602


 89, 39.834,
144.637


 85, 79.947,
141.388


 90, 25.475,
145.456


 84, 91.094,
140.086

 92, 11.083,
146.166


 83, 100.385,
138.778


 95, 3.156, 326.629

 83, 107.366,

 96, 10.426,
324.774

137.585

 83, 111.734,
136.658

 83, 112.385,
136.525

Harmonies

Complementary

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



87, 53.915, 143.688



73, 53.857, 328.774

Rectangle

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



87, 53.915, 143.688



87, 53.915, 193.688



87, 53.915, 323.688



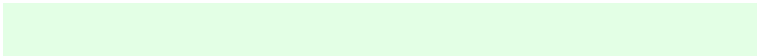
87, 53.915, 13.688

Sweetspot

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



87, 53.916, 143.688



97, 16.603, 145.943



92, 45.505, 109.530



52, 11.165, 145.848



0, 0.000, 0.000



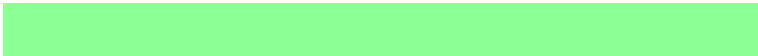
53, 0.007, 296.813

Same Dimension

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



87, 53.916, 143.688



91, 67.333, 142.898



88, 36.959, 163.576



49, 8.148, 146.050



65, 92.116, 136.668



19, 38.149, 139.205

Inverse Universe

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



73, 53.857, 328.774



74, 67.072, 329.185



72, 39.403, 351.455



47, 8.164, 327.125



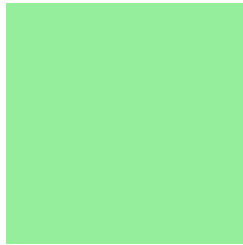
43, 84.962, 331.584



10, 37.405, 331.084

Previews

White Background



This preview shows how the CIELCh color 87, 53.915, 143.688 looks on a white background.

Color Contrast Check

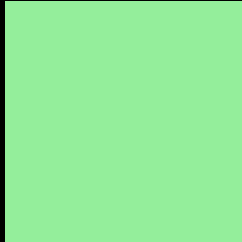
Large Text (above 18pt) WCAG AA × Fail

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 87, 53.915, 143.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

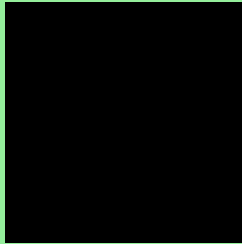
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 53.915, 143.688

Background



This preview shows how black text looks on a background with the CIELCh color 87, 53.915, 143.688.



This preview shows how white text looks on a background with the CIELCh color 87, 53.915, 143.688.

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
87, 53.915, 143.688

Protanopia
87, 37.419, 95.765

Deuteranopia
87, 30.472, 69.756



Tritanopia
87, 21.211, 224.845

Trichromacy



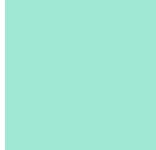
Original Color
87, 53.915, 143.688



Protanomaly
86, 39.976, 119.407



Deuteranomaly
86, 30.563, 109.783

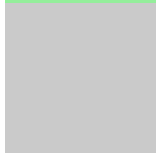


Tritanomaly
87, 26.179, 175.217

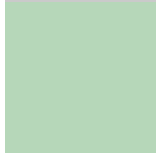
Monochromacy



Original Color
87, 53.915, 143.688



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 20.030, 146.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 53.915, 143.688 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(148, 238, 155)` looks like.

```
.text, #text, p{  
    color:rgb(148, 238, 155)  
}
```

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(148, 238, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 238, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 53.915, 143.688 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(148, 238, 155) }
```

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

```
.border{ border-color:rgb(148, 238, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 238, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 238, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 238, 155);  
box-shadow:4px 4px 4px 4px rgb(148, 238,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 53.915, 143.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 238, 155) }
```

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

```
.background{ background-color: rgb(148,  
238, 155) }
```

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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