

Converting Colors

CIELCh(86, 53.201, 139.811)

Have a look what the booklet for
CIELCh(86, 53.201, 139.811)
contains.

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Color

CIELCh(86, 53.163, 139.823)

Conversions

Conversions Part 1

Format	Color
Hex	9BEA94
RGB	155, 234, 148
RGB Percent	61%, 92%, 58%
CMY	0.3920, 0.0821, 0.4194
CMYK	0.34, 0.00, 0.37, 0.08
HSL	115°, 67%, 75%
HSV	115°, 37%, 92%
XYZ	48.3130, 67.9871, 38.6125
YIQ	200.5750, -19.4780, -43.4940

Conversions

Conversions Part 2

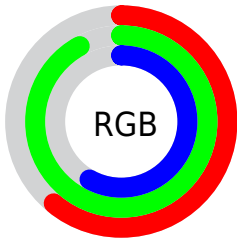
Format	Color
RYB	148, 234, 227
Decimal	10218132
CIELab	86.00, -40.62, 34.30
CIELCh	86, 53.163, 139.823
Yxy	67.9871, 0.3119, 0.4389
Android (android.graphics.Color)	4288408212 (0xFF9BEA94)
YUV	200.5750, -25.9195, -39.9693
Hunter-Lab	82.4543, -39.7054, 29.9531

Details

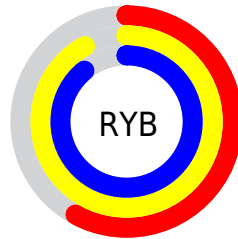
The CIELCh color **86, 53.163, 139.823** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 53.421, 324.030**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 30.821, 138.559**, and **66, 53.429, 139.810** is the 20% darker color. If you saturate the color by 10%, you get **85, 66.947, 138.954**, and if you desaturate by 10%, it is **88, 38.843, 140.609**.

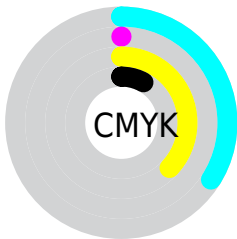
Distribution



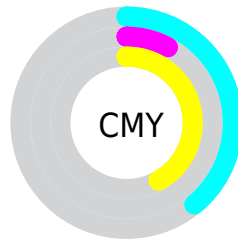
- Red (61%)
- Green (92%)
- Blue (58%)



- Red (58%)
- Yellow (92%)
- Blue (89%)



- Cyan (34%)
- Magenta (0%)
- Yellow (37%)
- Black (8%)





- Cyan (39%)
- Magenta (8%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 53.163, 139.823 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, 53.163, 139.823 by changing the saturation by 10% instead.


 86, 53.163,
139.823


 86, 53.163,
139.823


 100, 53.163,
139.823


 76, 53.163,
139.823

 66, 53.163,
139.823

 56, 53.163,
139.823

 46, 53.163,
139.823

 36, 53.163,
139.823


 26, 53.163,
139.823


 16, 53.163,


139.823

 6, 53.163, 139.823


 0, 53.163, 139.823


 86, 53.163,
139.823


 86, 53.163,
139.823

 85, 66.947,
138.954


 88, 38.843,
140.609

 84, 79.792,
138.035


 89, 24.288,
141.301


 83, 91.195,
137.137

 91, 9.729, 141.911

 82, 100.555,
136.375

 93, 4.669, 322.332

 95, 13.075,
324.872

 82, 107.274,

135.886

■ 81, 111.030,
135.762

■ 81, 111.821,
135.732

Harmonies

Complementary

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



86, 53.163, 139.823



72, 53.421, 324.030

Rectangle

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



86, 53.163, 139.823



86, 53.163, 189.823



86, 53.163, 319.823



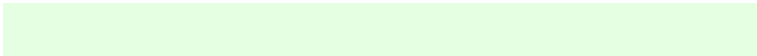
86, 53.163, 9.823

Sweetspot

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



86, 53.165, 139.823



98, 17.056, 141.656



89, 40.396, 102.726



52, 11.469, 141.573



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, 53.165, 139.823



92, 67.771, 139.181



86, 40.072, 156.013



48, 8.224, 141.751



64, 92.162, 135.655



18, 37.529, 136.938

Inverse Universe

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



72, 53.421, 324.030



74, 68.055, 324.356



71, 41.179, 342.644



46, 8.249, 322.686



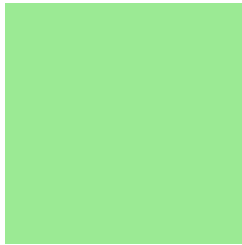
40, 89.813, 325.067



8, 38.422, 325.522

Previews

White Background



This preview shows how the CIELCh color 86, 53.163, 139.823 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, 53.163, 139.823 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, 53.163, 139.823

Background



This preview shows how black text looks on a background with the CIELCh color 86, 53.163, 139.823.

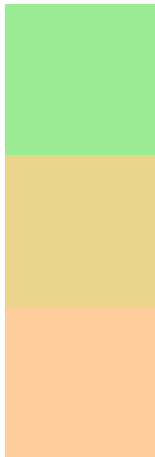


This preview shows how white text looks on a background with the CIELCh color 86, 53.163, 139.823.

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
86, 53.163, 139.823

Protanopia
86, 39.081, 95.381

Deuteranopia
86, 33.251, 71.022

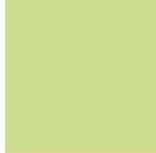


Tritanopia
86, 18.700, 228.994

Trichromacy



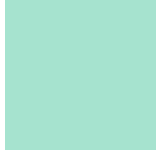
Original Color
86, 53.163, 139.823



Protanomaly
85, 40.594, 115.795

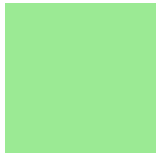


Deuteranomaly
85, 33.156, 105.934

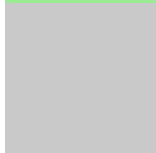


Tritanomaly
86, 23.694, 171.430

Monochromacy



Original Color
86, 53.163, 139.823



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 19.642, 141.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 53.163, 139.823 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(155, 234, 148)` looks like.

```
.text, #text, p{  
    color:rgb(155, 234, 148)  
}
```

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(155, 234, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 234, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 53.163, 139.823 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(155, 234, 148) }
```

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

```
.border{ border-color:rgb(155, 234, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 234, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 234, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 234, 148);  
box-shadow:4px 4px 4px 4px rgb(155, 234,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 53.163, 139.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 234, 148) }
```

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

```
.background{ background-color: rgb(155,  
234, 148) }
```

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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