

Converting Colors

CIELCh(86, 61.957, 141.252)

Have a look what the booklet for
CIELCh(86, 61.957, 141.252)
contains.

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Color

CIELCh(86, 61.702, 141.241)

Conversions

Conversions Part 1

Format	Color
Hex	8BED8B
RGB	139, 237, 139
RGB Percent	55%, 93%, 55%
CMY	0.4545, 0.0702, 0.4546
CMYK	0.41, 0.00, 0.41, 0.07
HSL	120°, 73%, 74%
HSV	120°, 41%, 93%
XYZ	45.6415, 67.9871, 35.1765
YIQ	196.5260, -26.9500, -51.2540

Conversions

Conversions Part 2

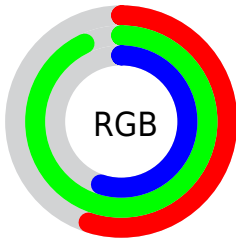
Format	Color
RYB	139, 237, 237
Decimal	9170315
CIELab	86.00, -48.11, 38.63
CIElCh	86, 61.702, 141.241
Yxy	67.9871, 0.3067, 0.4569
Android (android.graphics.Color)	4287360395 (0xFF8BED8B)
YUV	196.5260, -28.3603, -50.4503
Hunter-Lab	82.4543, -45.4888, 32.4238

Details

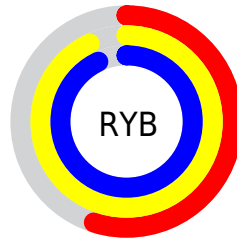
The CIELCh color **86, 61.702, 141.241** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 61.553, 326.650**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 37.836, 142.036**, and **66, 61.619, 141.212** is the 20% darker color. If you saturate the color by 10%, you get **85, 75.424, 140.165**, and if you desaturate by 10%, it is **87, 47.147, 142.207**.

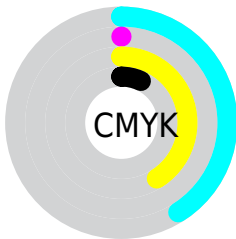
Distribution



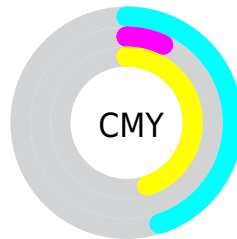
- Red (55%)
- Green (93%)
- Blue (55%)



- Red (55%)
- Yellow (93%)
- Blue (93%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (7%)





- Cyan (45%)
- Magenta (7%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 61.702, 141.241 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, 61.702, 141.241 by changing the saturation by 10% instead.


 86, 61.702,
141.241


 86, 61.702,
141.241


 100, 61.702,
141.241


 76, 61.702,
141.241

 66, 61.702,
141.241

 56, 61.702,
141.241

 46, 61.702,
141.241

 36, 61.702,
141.241


 26, 61.702,
141.241


 16, 61.702,


141.241

 6, 61.702, 141.241


 0, 61.702, 141.241


 86, 61.702,
141.241


 86, 61.702,
141.241


 85, 75.424,
140.165


 87, 47.147,
142.207

 84, 87.820,
139.023


 89, 32.150,
143.049


 83, 98.313,
137.906

 91, 17.019,
143.775


 83, 106.284,
136.950

 93, 1.984, 144.514

 82, 111.252,

 96, 11.166,
324.802

136.303

 82, 113.359,
136.016

Harmonies

Complementary

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



86, 61.702, 141.241



71, 61.553, 326.650

Rectangle

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



86, 61.702, 141.241



86, 61.702, 191.241



86, 61.702, 321.241



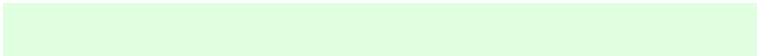
86, 61.702, 11.241

Sweetspot

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



86, 61.703, 141.241



97, 19.118, 143.726



91, 48.590, 105.452



52, 12.690, 143.636



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, 61.703, 141.241



91, 78.102, 140.293



87, 42.912, 158.645



48, 8.445, 143.900



64, 92.620, 136.016



18, 38.236, 138.275

Inverse Universe

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



71, 61.553, 326.650



72, 77.663, 327.060



70, 44.853, 346.862



46, 8.457, 324.941



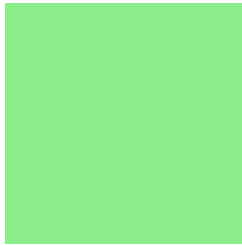
43, 89.364, 328.230



9, 38.267, 328.230

Previews

White Background



This preview shows how the CIELCh color 86, 61.702, 141.241 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, 61.702, 141.241 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, 61.702, 141.241

Background



This preview shows how black text looks on a background with the CIELCh color 86, 61.702, 141.241.

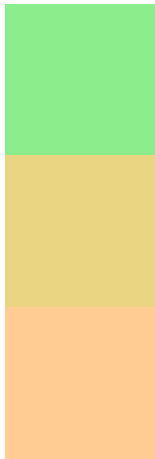


This preview shows how white text looks on a background with the CIELCh color 86, 61.702, 141.241.

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, 61.702, 141.241

Protanopia
86, 44.070, 95.595

Deuteranopia
86, 36.575, 73.393

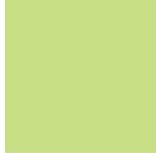


Tritanopia
86, 22.231, 223.523

Trichromacy



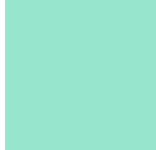
Original Color
86, 61.702, 141.241



Protanomaly
85, 46.427, 117.755



Deuteranomaly
85, 37.198, 109.443

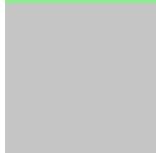


Tritanomaly
86, 29.177, 171.761

Monochromacy



Original Color
86, 61.702, 141.241



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 23.340, 143.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 61.702, 141.241 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(139, 237, 139)` looks like.

```
.text, #text, p{  
    color:rgb(139, 237, 139)  
}
```

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(139, 237, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 237, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 61.702, 141.241 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(139, 237, 139) }
```

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

```
.border{ border-color:rgb(139, 237, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 237, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 237, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 237, 139);  
box-shadow:4px 4px 4px 4px rgb(139, 237,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 61.702, 141.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 237, 139) }
```

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

```
.background{ background-color: rgb(139,  
237, 139) }
```

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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