

Converting Colors

CIELCh(86, 47.190, 142.291)

Have a look what the booklet for
CIELCh(86, 47.190, 142.291)
contains.

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Color

CIELCh(86, 47.306, 142.481)

Conversions

Conversions Part 1

Format	Color
Hex	9EE99F
RGB	158, 233, 159
RGB Percent	62%, 91%, 62%
CMY	0.3807, 0.0866, 0.3768
CMYK	0.32, 0.00, 0.32, 0.09
HSL	121°, 63%, 77%
HSV	121°, 32%, 91%
XYZ	49.4472, 67.9871, 43.2792
YIQ	202.1390, -20.9460, -38.9140

Conversions

Conversions Part 2

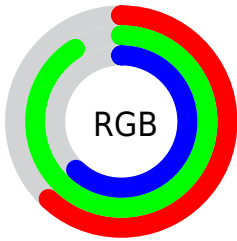
Format	Color
RYB	158, 232, 233
Decimal	10414495
CIELab	86.00, -37.52, 28.81
CIELCh	86, 47.306, 142.481
Yxy	67.9871, 0.3077, 0.4230
Android (android.graphics.Color)	4288604575 (0xFF9EE99F)
YUV	202.1390, -21.2675, -38.7099
Hunter-Lab	82.4543, -37.2499, 26.5975

Details

The CIELCh color **86, 47.306, 142.481** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75, 47.285, 326.560**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 25.460, 142.825**, and **66, 47.281, 142.405** is the 20% darker color. If you saturate the color by 10%, you get **85, 61.488, 141.501**, and if you desaturate by 10%, it is **88, 32.678, 143.336**.

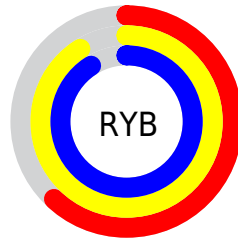
Distribution



Red (62%)

Green (91%)

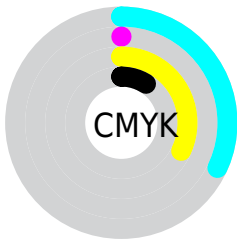
Blue (62%)



Red (62%)

Yellow (91%)

Blue (91%)

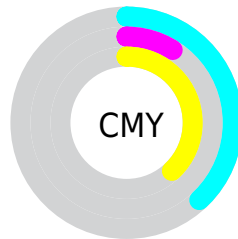


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (9%)



Cyan (38%)

Magenta (9%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 47.306, 142.481 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, 47.306, 142.481 by changing the saturation by 10% instead.

■ 86, 47.306,
142.481

■ 86, 47.306,
142.481

■ 100, 47.306,
142.481

■ 76, 47.306,
142.481

■ 66, 47.306,
142.481

■ 56, 47.306,
142.481

■ 46, 47.306,
142.481

■ 36, 47.306,
142.481


■ 26, 47.306,
142.481


■ 16, 47.306,


142.481


 6, 47.306, 142.481


 0, 47.306, 142.481


 86, 47.306,
142.481

 86, 47.306,
142.481

 85, 61.488,
141.501


 88, 32.678,
143.336


 83, 74.834,
140.407


 90, 17.900,
144.073


 82, 86.878,
139.242

 92, 3.199, 144.767

 82, 97.070,
138.093

 94, 11.263,
325.173

 81, 104.829,

 95, 13.790,
324.898

137.093

■ 81, 109.702,
136.386

■ 81, 111.623,
136.098

Harmonies

Complementary

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



86, 47.306, 142.481



75, 47.285, 326.560

Rectangle

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



86, 47.306, 142.481



86, 47.306, 192.481



86, 47.306, 322.481



86, 47.306, 12.481

Sweetspot

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



86, 47.308, 142.481



98, 15.768, 144.218



91, 38.220, 107.053



52, 10.767, 144.123



0, 0.000, 0.000



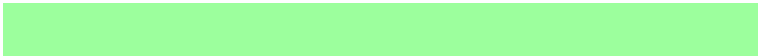
53, 0.007, 296.813

Same Dimension

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



86, 47.308, 142.481



92, 61.354, 141.809



87, 32.859, 160.600



48, 8.368, 144.257



64, 92.369, 136.128



18, 37.980, 138.505

Inverse Universe

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



75, 47.285, 326.560



77, 61.236, 326.923



73, 34.187, 346.711



46, 8.381, 325.302



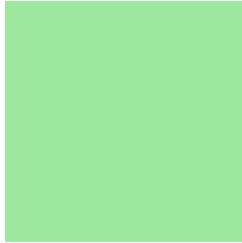
43, 88.434, 328.770



9, 37.927, 328.691

Previews

White Background



This preview shows how the CIELCh color 86, 47.306, 142.481 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, 47.306, 142.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

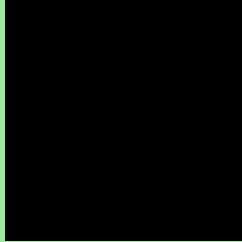
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 47.306, 142.481

Background



This preview shows how black text looks on a background with the CIELCh color 86, 47.306, 142.481.

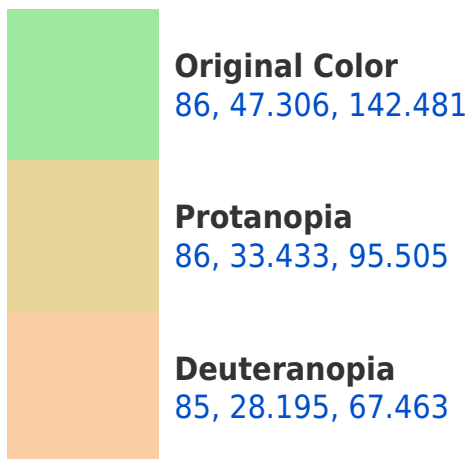


This preview shows how white text looks on a background with the CIELCh color 86, 47.306, 142.481.

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



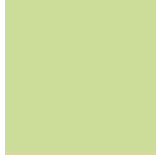


Tritanopia
86, 18.234, 227.941

Trichromacy



Original Color
86, 47.306, 142.481



Protanomaly
85, 35.241, 118.152



Deuteranomaly
85, 27.055, 106.173

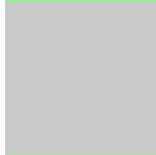


Tritanomaly
86, 22.076, 175.479

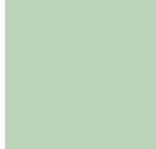
Monochromacy



Original Color
86, 47.306, 142.481



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 17.457, 143.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 47.306, 142.481 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(158, 233, 159)` looks like.

```
.text, #text, p{  
    color:rgb(158, 233, 159)  
}
```

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(158, 233, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 233, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 47.306, 142.481 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(158, 233, 159) }
```

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

```
.border{ border-color:rgb(158, 233, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 233, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 233, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 233, 159);  
box-shadow:4px 4px 4px 4px rgb(158, 233,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 47.306, 142.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 233, 159) }
```

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

```
.background{ background-color: rgb(158,  
233, 159) }
```

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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