

Converting Colors

CIELCh(82, 47.861, 141.998)

Have a look what the booklet for
CIELCh(82, 47.861, 141.998)
contains.

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Color

CIELCh(82, 48.127, 141.995)

Conversions

Conversions Part 1

Format	Color
Hex	93DE93
RGB	147, 222, 147
RGB Percent	58%, 87%, 58%
CMY	0.4250, 0.1309, 0.4249
CMYK	0.34, 0.00, 0.34, 0.13
HSL	120°, 53%, 72%
HSV	120°, 34%, 87%
XYZ	43.2205, 60.2982, 36.8150
YIQ	191.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

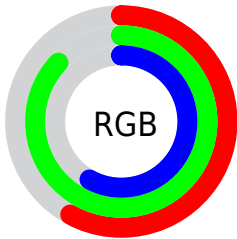
Format	Color
RYB	147, 222, 222
Decimal	9690771
CIELab	82.00, -37.92, 29.63
CIElCh	82, 48.127, 141.995
Yxy	60.2982, 0.3080, 0.4297
Android (android.graphics.Color)	4287880851 (0xFF93DE93)
YUV	191.0250, -21.7043, -38.6099
Hunter-Lab	77.6519, -36.5391, 26.2467

Details

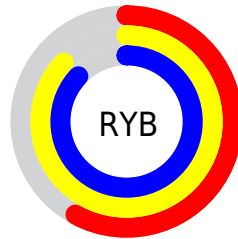
The CIELCh color $82, 48.127, 141.995$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $71, 48.092, 326.273$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 33.014, 142.622$, and $62, 47.714, 142.145$ is the 20% darker color. If you saturate the color by 10%, you get $81, 61.758, 141.006$, and if you desaturate by 10%, it is $84, 34.003, 142.863$.

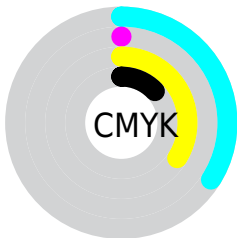
Distribution



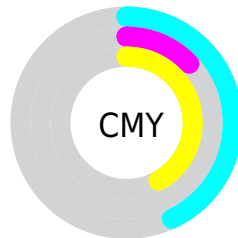
- Red (58%)
- Green (87%)
- Blue (58%)



- Red (58%)
- Yellow (87%)
- Blue (87%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (13%)





- Cyan (43%)
- Magenta (13%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 48.127, 141.995 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 82, 48.127, 141.995 by changing the saturation by 10% instead.


 82, 48.127,
141.995


 82, 48.127,
141.995


 100, 48.127,
141.995

 72, 48.127,
141.995

 62, 48.127,
141.995

 52, 48.127,
141.995

 42, 48.127,
141.995

 32, 48.127,
141.995

 22, 48.127,
141.995

 12, 48.127,

141.995

■ 2, 48.127, 141.995

■ 0, 48.127, 141.995

■ 82, 48.127,
141.995

■ 82, 48.127,
141.995

■ 81, 61.758,
141.006

■ 84, 34.003,
142.863

■ 80, 74.501,
139.913

■ 85, 19.689,
143.613

■ 79, 85.877,
138.771

■ 87, 5.419, 144.282

■ 78, 95.327,
137.679

■ 90, 8.642, 324.732

■ 92, 20.895,
325.151

■ 78, 102.280,

136.782

■ 77, 106.351,
136.216

■ 77, 107.728,
136.017

Harmonies

Complementary

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



82, 48.127, 141.995



71, 48.092, 326.273

Rectangle

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



82, 48.127, 141.995



82, 48.127, 191.995



82, 48.127, 321.995



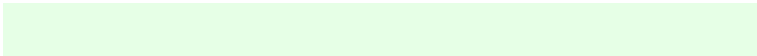
82, 48.127, 11.995

Sweetspot

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



82, 48.128, 141.995



98, 15.910, 143.868



87, 38.523, 106.906



52, 10.864, 143.773



0, 0.000, 0.000



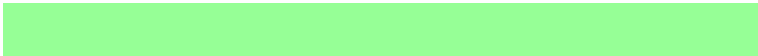
53, 0.007, 296.813

Same Dimension

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



82, 48.128, 141.995



92, 64.927, 141.265



83, 33.112, 160.423



45, 7.988, 143.911



62, 89.699, 136.018



15, 33.721, 140.238

Inverse Universe

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



71, 48.092, 326.273



76, 64.771, 326.648



69, 34.508, 346.890



43, 8.000, 324.943



41, 86.536, 328.240



7, 34.551, 328.179

Previews

White Background



This preview shows how the CIELCh color 82, 48.127, 141.995 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 82, 48.127, 141.995 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 82, 48.127, 141.995

Background



This preview shows how black text looks on a background with the CIELCh color 82, 48.127, 141.995.

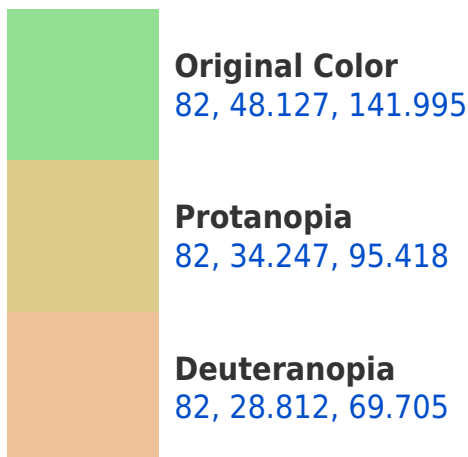


This preview shows how white text looks on a background with the CIELCh color 82, 48.127, 141.995.

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



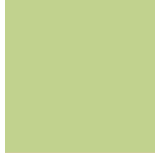


Tritanopia
82, 18.069, 228.567

Trichromacy



Original Color
82, 48.127, 141.995



Protanomaly
82, 36.043, 117.875



Deuteranomaly
81, 28.306, 107.637

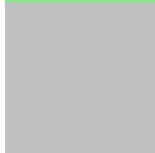


Tritanomaly
82, 22.504, 174.118

Monochromacy



Original Color
82, 48.127, 141.995



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 17.637, 143.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 48.127, 141.995 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(147, 222, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 222, 147)  
}
```

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(147, 222, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 222, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 48.127, 141.995 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(147, 222, 147) }
```

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

```
.border{ border-color:rgb(147, 222, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 222, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 222, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 222, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 222,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 48.127, 141.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 222, 147) }
```

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

```
.background{ background-color: rgb(147,  
222, 147) }
```

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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