

Converting Colors

CIELCh(82, 51.769, 142.561)

Have a look what the booklet for
CIELCh(82, 51.769, 142.561)
contains.

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Color

CIELCh(82, 51.818, 142.616)

Conversions

Conversions Part 1

Format	Color
Hex	8CDF8F
RGB	140, 223, 143
RGB Percent	55%, 87%, 56%
CMY	0.4512, 0.1257, 0.4394
CMYK	0.37, 0.00, 0.36, 0.13
HSL	122°, 56%, 71%
HSV	122°, 37%, 87%
XYZ	42.1331, 60.2982, 35.3848
YIQ	189.0630, -23.7880, -42.4760

Conversions

Conversions Part 2

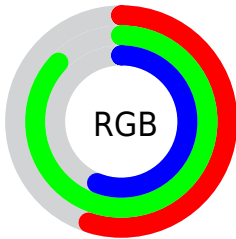
Format	Color
RYB	140, 220, 223
Decimal	9232271
CIELab	82.00, -41.17, 31.46
CIELCh	82, 51.818, 142.616
Yxy	60.2982, 0.3057, 0.4375
Android (android.graphics.Color)	4287422351 (0xFF8CDF8F)
YUV	189.0630, -22.7091, -43.0283
Hunter-Lab	77.6519, -39.0385, 27.3388

Details

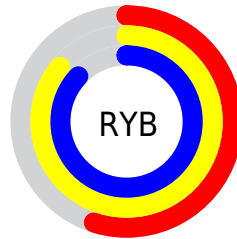
The CIELCh color **82, 51.818, 142.616** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **69, 51.749, 327.476**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 36.566, 143.346**, and **62, 51.605, 142.794** is the 20% darker color. If you saturate the color by 10%, you get **81, 64.985, 141.567**, and if you desaturate by 10%, it is **84, 38.077, 143.538**.

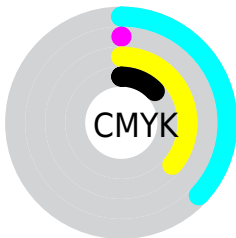
Distribution



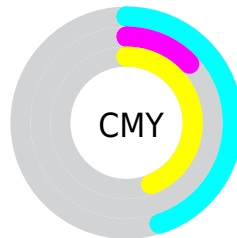
- Red (55%)
- Green (87%)
- Blue (56%)



- Red (55%)
- Yellow (86%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)





- Cyan (45%)
- Magenta (13%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 51.818, 142.616 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, 51.818, 142.616 by changing the saturation by 10% instead.


 82, 51.818,
142.616


 82, 51.818,
142.616


 100, 51.818,
142.616


 72, 51.818,
142.616

 62, 51.818,
142.616

 52, 51.818,
142.616

 42, 51.818,
142.616

 32, 51.818,
142.616

 22, 51.818,
142.616

 12, 51.818,

142.616

■ 2, 51.818, 142.616

■ 0, 51.818, 142.616

■ 82, 51.818,
142.616

■ 82, 51.818,
142.616

■ 81, 64.985,
141.567

■ 84, 38.077,
143.538

■ 80, 77.189,
140.408

■ 85, 24.071,
144.335

■ 79, 87.975,
139.192

■ 87, 10.042,
145.027


■ 78, 96.835,
138.018


■ 89, 3.829, 325.495


■ 78, 103.273,

■ 92, 17.419,
326.040

137.020

 92, 20.054,
325.122

 78, 106.994,
136.341

 78, 107.609,
136.248

Harmonies

Complementary

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



82, 51.818, 142.616



69, 51.749, 327.476

Rectangle

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



82, 51.818, 142.616



82, 51.818, 192.616



82, 51.818, 322.616



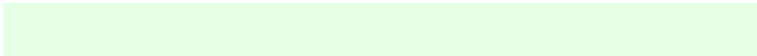
82, 51.818, 12.616

Sweetspot

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



82, 51.819, 142.616



97, 17.087, 144.770



87, 42.472, 108.090



52, 11.490, 144.676



0, 0.000, 0.000



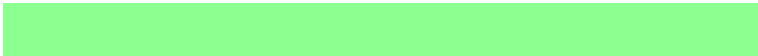
53, 0.007, 296.813

Same Dimension

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



82, 51.819, 142.616



91, 69.237, 141.775



83, 35.493, 161.794



46, 7.943, 144.880



63, 89.994, 136.327



16, 34.620, 140.080

Inverse Universe

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



69, 51.749, 327.476



74, 68.960, 327.894



68, 37.440, 349.290



44, 7.956, 325.927



41, 85.052, 329.719



8, 35.069, 329.462

Previews

White Background



This preview shows how the CIELCh color 82, 51.818, 142.616 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, 51.818, 142.616 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, 51.818, 142.616

Background



This preview shows how black text looks on a background with the CIELCh color 82, 51.818, 142.616.

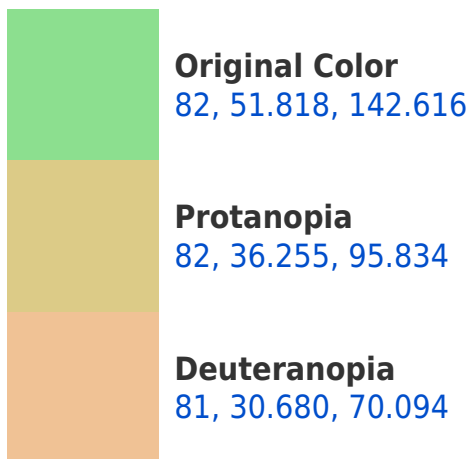


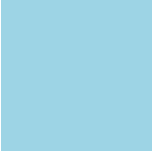
This preview shows how white text looks on a background with the CIELCh color 82, 51.818, 142.616.

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



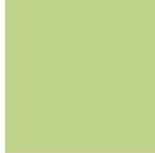


Tritanopia
82, 19.605, 225.886

Trichromacy



Original Color
82, 51.818, 142.616



Protanomaly
81, 38.192, 118.334



Deuteranomaly
81, 30.370, 108.205

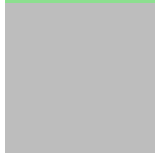


Tritanomaly
82, 24.464, 174.626

Monochromacy



Original Color
82, 51.818, 142.616



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 19.188, 144.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 51.818, 142.616 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(140, 223, 143)` looks like.

```
.text, #text, p{  
    color:rgb(140, 223, 143)  
}
```

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(140, 223, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 223, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 51.818, 142.616 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(140, 223, 143) }
```

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

```
.border{ border-color:rgb(140, 223, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 223, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 223, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 223, 143);  
box-shadow:4px 4px 4px 4px rgb(140, 223,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 51.818, 142.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 223, 143) }
```

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

```
.background{ background-color: rgb(140,  
223, 143) }
```

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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