

Converting Colors

CIELCh(82, 48.588, 137.735)

Have a look what the booklet for
CIELCh(82, 48.588, 137.735)
contains.

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Color

CIELCh(82, 48.757, 137.830)

Conversions

Conversions Part 1

Format	Color
Hex	9ADD8D
RGB	154, 221, 141
RGB Percent	60%, 87%, 55%
CMY	0.3973, 0.1346, 0.4482
CMYK	0.30, 0.00, 0.36, 0.13
HSL	110°, 54%, 71%
HSV	110°, 36%, 87%
XYZ	43.8254, 60.2982, 34.4128
YIQ	191.8470, -14.2520, -39.0840

Conversions

Conversions Part 2

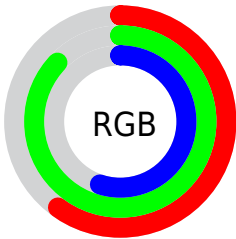
Format	Color
RYB	141, 221, 208
Decimal	10149261
CIELab	82.00, -36.14, 32.73
CIELCh	82, 48.757, 137.830
Yxy	60.2982, 0.3163, 0.4353
Android (android.graphics.Color)	4288339341 (0xFF9ADD8D)
YUV	191.8470, -25.0676, -33.1918
Hunter-Lab	77.6519, -35.1485, 28.0809

Details

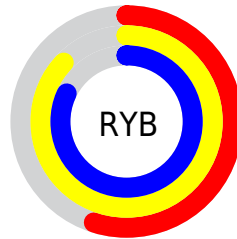
The CIELCh color **82, 48.757, 137.830** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **68, 49.354, 321.562**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 34.736, 136.150**, and **62, 48.372, 137.943** is the 20% darker color. If you saturate the color by 10%, you get **81, 61.683, 137.101**, and if you desaturate by 10%, it is **83, 35.407, 138.507**.

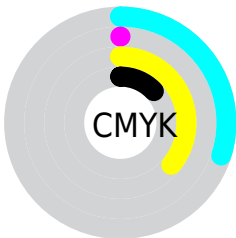
Distribution



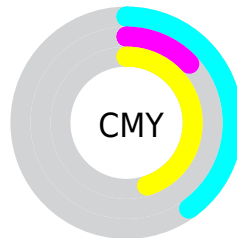
- Red (60%)
- Green (87%)
- Blue (55%)



- Red (55%)
- Yellow (87%)
- Blue (82%)



- Cyan (30%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)




- Cyan (40%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 48.757, 137.830 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, 48.757, 137.830 by changing the saturation by 10% instead.


 82, 48.757,
137.830


 82, 48.757,
137.830


 100, 48.757,
137.830


 72, 48.757,
137.830

 62, 48.757,
137.830

 52, 48.757,
137.830

 42, 48.757,
137.830

 32, 48.757,
137.830

 22, 48.757,
137.830

 12, 48.757,

137.830

■ 2, 48.757, 137.830

■ 0, 48.757, 137.830

■ 82, 48.757,
137.830

■ 82, 48.757,
137.830

■ 81, 61.683,
137.101

■ 83, 35.407,
138.507

■ 80, 73.843,
136.355

■ 85, 21.880,
139.114

■ 79, 84.797,
135.665

■ 87, 8.362, 139.660


■ 78, 93.998,
135.140


■ 89, 5.014, 320.042


■ 91, 18.156,
320.467

■ 78, 100.868,

134.913

 92, 21.479,
325.172

 77, 105.042,
135.071

 77, 106.132,
135.149

Harmonies

Complementary

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



82, 48.757, 137.830



68, 49.354, 321.562

Rectangle

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



82, 48.757, 137.830



82, 48.757, 187.830



82, 48.757, 317.830



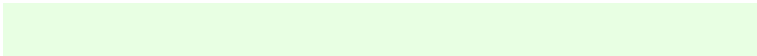
82, 48.757, 7.830

Sweetspot

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



82, 48.759, 137.831



98, 16.624, 139.401



83, 35.166, 98.194



52, 11.178, 139.326



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, 48.759, 137.831



92, 64.697, 137.316



82, 40.276, 152.509



45, 7.584, 139.490



62, 88.499, 135.020



15, 32.271, 137.146

Inverse Universe

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



68, 49.354, 321.562



73, 65.565, 321.852



68, 40.883, 338.479



43, 7.620, 320.336



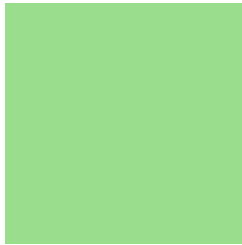
36, 87.735, 322.074



6, 33.788, 322.482

Previews

White Background



This preview shows how the CIELCh color 82, 48.757, 137.830 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, 48.757, 137.830 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, 48.757, 137.830

Background



This preview shows how black text looks on a background with the CIELCh color 82, 48.757, 137.830.



This preview shows how white text looks on a background with the CIELCh color 82, 48.757, 137.830.

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](#).

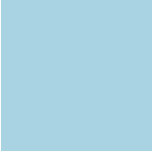
Dichromacy



Original Color
82, 48.757, 137.830

Protanopia
82, 36.756, 95.928

Deuteranopia
82, 31.954, 71.599



Tritanopia
82, 16.028, 233.032

Trichromacy



Original Color
82, 48.757, 137.830



Protanomaly
81, 38.282, 114.670



Deuteranomaly
81, 30.968, 103.658

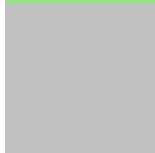


Tritanomaly
82, 20.473, 170.118

Monochromacy



Original Color
82, 48.757, 137.830



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 17.929, 138.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 48.757, 137.830 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(154, 221, 141)` looks like.

```
.text, #text, p{  
    color:rgb(154, 221, 141)  
}
```

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(154, 221, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 221, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 48.757, 137.830 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(154, 221, 141) }
```

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

```
.border{ border-color:rgb(154, 221, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 221, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 221, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 221, 141);  
box-shadow:4px 4px 4px 4px rgb(154, 221,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 48.757, 137.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 221, 141) }
```

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

```
.background{ background-color: rgb(154,  
221, 141) }
```

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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