

Converting Colors

CIELCh(82, 38.270, 135.901)

Have a look what the booklet for
CIELCh(82, 38.270, 135.901)
contains.

CIELCh(82, 38.181, 135.823)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 38.181, 135.823)

Conversions

Conversions Part 1

Format	Color
Hex	A9D999
RGB	169, 217, 153
RGB Percent	66%, 85%, 60%
CMY	0.3376, 0.1494, 0.4003
CMYK	0.22, 0.00, 0.30, 0.15
HSL	105°, 46%, 73%
HSV	105°, 30%, 85%
XYZ	46.8728, 60.2982, 39.2660
YIQ	195.3520, -8.0640, -30.0800

Conversions

Conversions Part 2

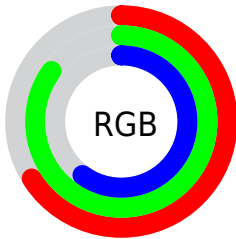
Format	Color
RYB	153, 217, 201
Decimal	11131289
CIELab	82.00, -27.38, 26.61
CIELCh	82, 38.181, 135.823
Yxy	60.2982, 0.3201, 0.4118
Android (android.graphics.Color)	4289321369 (0xFFA9D999)
YUV	195.3520, -20.8795, -23.1107
Hunter-Lab	77.6519, -28.1433, 24.3754

Details

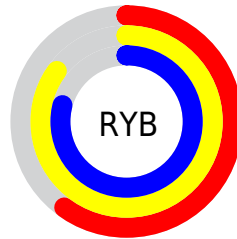
The CIELCh color **82, 38.181, 135.823** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 38.861, 318.571**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 26.319, 132.934**, and **62, 38.370, 135.500** is the 20% darker color. If you saturate the color by 10%, you get **81, 50.906, 135.224**, and if you desaturate by 10%, it is **83, 25.241, 136.382**.

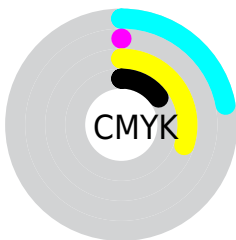
Distribution



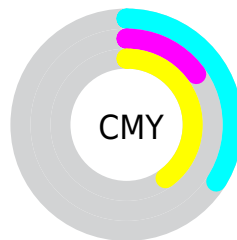
- Red (66%)
- Green (85%)
- Blue (60%)



- Red (60%)
- Yellow (85%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (30%)
- Black (15%)





- Cyan (34%)
- Magenta (15%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 38.181, 135.823 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, 38.181, 135.823 by changing the saturation by 10% instead.


 82, 38.181,
135.823


 82, 38.181,
135.823


 100, 38.181,
135.823


 72, 38.181,
135.823

 62, 38.181,
135.823

 52, 38.181,
135.823

 42, 38.181,
135.823

 32, 38.181,
135.823

 22, 38.181,
135.823

 12, 38.181,

135.823

■ 2, 38.181, 135.823

■ 0, 38.181, 135.823

■ 82, 38.181,
135.823

■ 82, 38.181,
135.823

■ 81, 50.906,
135.224

■ 83, 25.241,
136.382

■ 80, 63.166,
134.611

■ 85, 12.256,
136.891

■ 79, 74.632,
134.036

■ 87, 0.645, 316.996

■ 78, 84.857,
133.587

■ 89, 13.373,
317.687

■ 77, 93.299,

■ 90, 22.998,
321.719

133.383

91, 23.857,
325.255

77, 99.425,
133.552

76, 103.179,
134.077

76, 103.337,
134.100

Harmonies

Complementary

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



82, 38.181, 135.823



70, 38.861, 318.571

Rectangle

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



82, 38.181, 135.823



82, 38.181, 185.823



82, 38.181, 315.823



82, 38.181, 5.823

Sweetspot

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



82, 38.183, 135.824



98, 13.230, 136.912



81, 26.109, 93.631



52, 9.200, 136.840



0, 0.000, 0.000



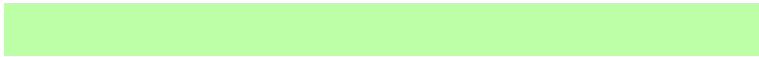
53, 0.007, 296.813

Same Dimension

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



82, 38.183, 135.824



94, 51.550, 135.479



81, 34.588, 150.033



45, 7.385, 136.894



62, 87.256, 133.931



16, 31.569, 135.437

Inverse Universe

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



70, 38.861, 318.571



77, 52.633, 318.819



71, 34.832, 334.346



43, 7.436, 317.682



34, 88.875, 319.030



5, 33.193, 319.244

Previews

White Background



This preview shows how the CIELCh color 82, 38.181, 135.823 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, 38.181, 135.823 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, 38.181, 135.823

Background



This preview shows how black text looks on a background with the CIELCh color 82, 38.181, 135.823.



This preview shows how white text looks on a background with the CIELCh color 82, 38.181, 135.823.

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, 38.181, 135.823

Protanopia
82, 30.116, 95.096

Deuteranopia
82, 26.417, 67.273



Tritanopia
82, 12.297, 242.729

Trichromacy



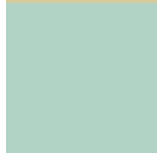
Original Color
82, 38.181, 135.823



Protanomaly
82, 30.949, 112.600



Deuteranomaly
81, 25.040, 98.793

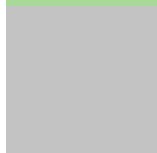


Tritanomaly
82, 14.065, 169.054

Monochromacy



Original Color
82, 38.181, 135.823



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 13.812, 136.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 38.181, 135.823 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(169, 217, 153)` looks like.

```
.text, #text, p{  
    color:rgb(169, 217, 153)  
}
```

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(169, 217, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 217, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 38.181, 135.823 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(169, 217, 153) }
```

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

```
.border{ border-color:rgb(169, 217, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 217, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 217, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 217, 153);  
box-shadow:4px 4px 4px 4px rgb(169, 217,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 38.181, 135.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 217, 153) }
```

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

```
.background{ background-color: rgb(169,  
217, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor