

Converting Colors

CIELCh(82, 35.198, 127.976)

Have a look what the booklet for
CIELCh(82, 35.198, 127.976)
contains.

CIELCh(82, 35.168, 127.983)	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, 35.168, 127.983)

Conversions

Conversions Part 1

Format	Color
Hex	B6D697
RGB	182, 214, 151
RGB Percent	71%, 84%, 59%
CMY	0.2861, 0.1606, 0.4077
CMYK	0.15, 0.00, 0.29, 0.16
HSL	90°, 43%, 72%
HSV	90°, 29%, 84%
XYZ	48.9458, 60.2982, 38.3532
YIQ	197.2500, 1.1510, -26.3770

Conversions

Conversions Part 2

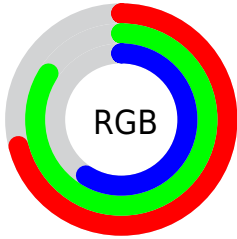
Format	Color
RYB	151, 214, 183
Decimal	11982487
CIELab	82.00, -21.64, 27.72
CIElCh	82, 35.168, 127.983
Yxy	60.2982, 0.3316, 0.4085
Android (android.graphics.Color)	4290172567 (0xFFB6D697)
YUV	197.2500, -22.8012, -13.3742
Hunter-Lab	77.6519, -23.3781, 25.0723

Details

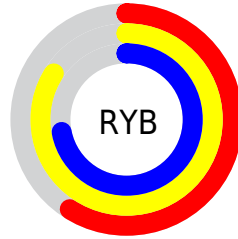
The CIELCh color **82, 35.168, 127.983** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 36.618, 310.763**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 25.604, 122.513**, and **62, 34.851, 128.265** is the 20% darker color. If you saturate the color by 10%, you get **81, 46.862, 127.503**, and if you desaturate by 10%, it is **83, 23.265, 128.471**.

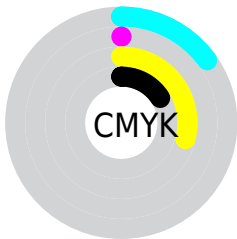
Distribution



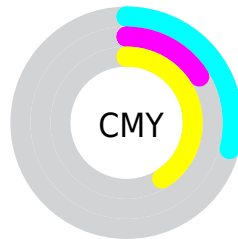
- Red (71%)
- Green (84%)
- Blue (59%)



- Red (59%)
- Yellow (84%)
- Blue (72%)



- Cyan (15%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 35.168, 127.983 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, 35.168, 127.983 by changing the saturation by 10% instead.


 82, 35.168,
127.983


 82, 35.168,
127.983


 100, 35.168,
127.983


 72, 35.168,
127.983

 62, 35.168,
127.983

 52, 35.168,
127.983

 42, 35.168,
127.983

 32, 35.168,
127.983

 22, 35.168,
127.983

 12, 35.168,

127.983

■ 2, 35.168, 127.983

■ 0, 35.168, 127.983

■ 82, 35.168,
127.983

■ 82, 35.168,
127.983

■ 81, 46.862,
127.503

■ 83, 23.265,
128.471

■ 80, 58.146,
127.064

■ 84, 11.282,
128.944

■ 79, 68.741,
126.728

■ 86, 0.684, 309.185

■ 78, 78.251,
126.583

■ 87, 12.567,
309.763

■ 78, 86.178,

■ 89, 22.818,
311.369

126.753

■ 89, 24.312,
319.868

■ 77, 92.033,
127.361

■ 90, 25.661,
325.318

■ 77, 95.795,
128.407

■ 77, 95.986,
128.465

Harmonies

Complementary

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



82, 35.168, 127.983



67, 36.618, 310.763

Rectangle

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



82, 35.168, 127.983



82, 35.168, 177.983



82, 35.168, 307.983



82, 35.168, 357.983

Sweetspot

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



82, 35.170, 127.985



99, 12.403, 128.960



76, 21.305, 71.759



52, 8.622, 128.892



0, 0.000, 0.000



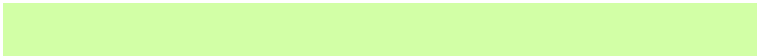
53, 0.007, 296.813

Same Dimension

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



82, 35.170, 127.985



95, 48.071, 127.697



80, 40.789, 142.393



45, 6.790, 128.945



62, 80.940, 128.211



15, 27.821, 129.255

Inverse Universe

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



67, 36.618, 310.763



75, 50.501, 311.079



70, 40.785, 326.035



42, 6.882, 309.754



27, 92.219, 312.146



3, 29.027, 308.721

Previews

White Background



This preview shows how the CIELCh color 82, 35.168, 127.983 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, 35.168, 127.983 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, 35.168, 127.983

Background



This preview shows how black text looks on a background with the CIELCh color 82, 35.168, 127.983.



This preview shows how white text looks on a background with the CIELCh color 82, 35.168, 127.983.

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, 35.168, 127.983

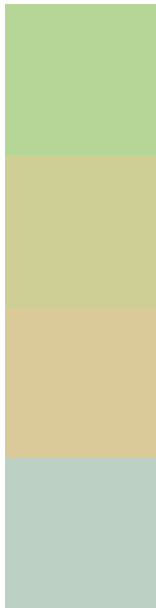
Protanopia
82, 30.622, 95.241

Deuteranopia
82, 27.958, 68.536



Tritanopia
82, 9.510, 262.650

Trichromacy



Original Color
82, 35.168, 127.983

Protanomaly
82, 30.833, 108.171

Deuteranomaly
82, 26.083, 93.649

Tritanomaly
82, 9.720, 157.934

Monochromacy



Original Color
82, 35.168, 127.983

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 12.894, 127.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 35.168, 127.983 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(182, 214, 151)` looks like.

```
.text, #text, p{  
    color:rgb(182, 214, 151)  
}
```

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(182, 214, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 214, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 35.168, 127.983 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(182, 214, 151) }
```

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

```
.border{ border-color:rgb(182, 214, 151) }
```

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

Here you see how a box with a 4 pixel rgb(182, 214, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 214, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 214, 151);  
box-shadow:4px 4px 4px 4px rgb(182, 214,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 35.168, 127.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 214, 151) }
```

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

```
.background{ background-color: rgb(182,  
214, 151) }
```

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