

Converting Colors

CIELCh(82, 40.312, 126.879)

Have a look what the booklet for
CIELCh(82, 40.312, 126.879)
contains.

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Color

CIELCh(82, 40.340, 126.740)

Conversions

Conversions Part 1

Format	Color
Hex	B4D78E
RGB	180, 215, 142
RGB Percent	71%, 84%, 56%
CMY	0.2939, 0.1566, 0.4429
CMYK	0.16, 0.00, 0.34, 0.16
HSL	89°, 48%, 70%
HSV	89°, 34%, 84%
XYZ	48.0401, 60.2982, 34.7209
YIQ	196.2130, 2.5730, -30.1230

Conversions

Conversions Part 2

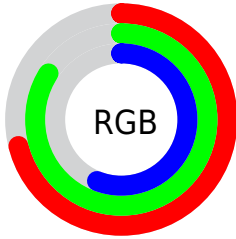
Format	Color
RYB	142, 215, 177
Decimal	11851662
CIELab	82.00, -24.13, 32.33
CIElCh	82, 40.340, 126.740
Yxy	60.2982, 0.3358, 0.4215
Android (android.graphics.Color)	4290041742 (0xFFB4D78E)
YUV	196.2130, -26.7270, -14.2188
Hunter-Lab	77.6519, -25.4601, 27.8457

Details

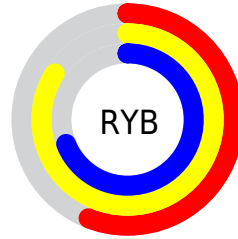
The CIELCh color $82, 40.340, 126.740$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $65, 42.430, 310.072$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 30.565, 120.651$, and $62, 40.179, 126.830$ is the 20% darker color. If you saturate the color by 10%, you get $81, 51.825, 126.274$, and if you desaturate by 10%, it is $83, 28.562, 127.233$.

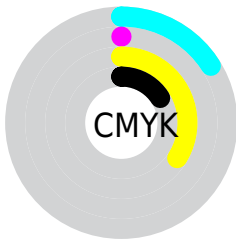
Distribution



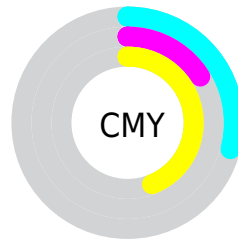
- Red (71%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (34%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 40.340, 126.740 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, 40.340, 126.740 by changing the saturation by 10% instead.


 82, 40.340,
126.740

 82, 40.340,
126.740


 100, 40.340,
126.740


 72, 40.340,
126.740

 62, 40.340,
126.740

 52, 40.340,
126.740

 42, 40.340,
126.740

 32, 40.340,
126.740

 22, 40.340,
126.740

 12, 40.340,

126.740

■ 2, 40.340, 126.740

■ 0, 40.340, 126.740

■ 82, 40.340,
126.740

■ 82, 40.340,
126.740

■ 81, 51.825,
126.274

■ 83, 28.562,
127.233

■ 80, 62.783,
125.876

■ 84, 16.643,
127.720

■ 79, 72.885,
125.621

■ 85, 4.695, 128.199

■ 79, 81.685,
125.614

■ 87, 7.206, 308.588

■ 88, 19.006,
308.993

■ 78, 88.663,

125.983

89, 22.873,
315.524

78, 93.419,
126.834

90, 24.509,
323.364

77, 95.443,
127.515

90, 25.017,
325.296

Harmonies

Complementary

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



82, 40.340, 126.740



65, 42.430, 310.072

Rectangle

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



82, 40.340, 126.740



82, 40.340, 176.740



82, 40.340, 306.740



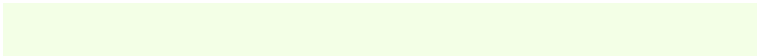
82, 40.340, 356.740

Sweetspot

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



82, 40.342, 126.742



99, 13.695, 127.903



75, 24.614, 67.700



52, 9.346, 127.836



0, 0.000, 0.000



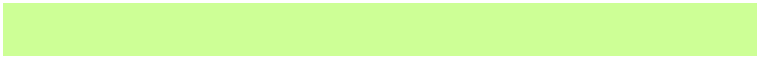
53, 0.007, 296.813

Same Dimension

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



82, 40.342, 126.742



95, 55.650, 126.389



80, 46.634, 141.219



45, 6.746, 127.935



63, 80.199, 127.253



15, 27.564, 128.221

Inverse Universe

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



65, 42.430, 310.072



71, 59.272, 310.496



68, 46.699, 325.306



42, 6.843, 308.768



26, 92.783, 311.505



3, 28.844, 307.606

Previews

White Background



This preview shows how the CIELCh color 82, 40.340, 126.740 looks on a white background.

Color Contrast Check

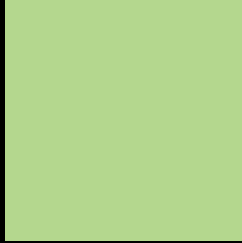
Large Text (above 18pt) WCAG AA × Fail

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, 40.340, 126.740 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, 40.340, 126.740

Background



This preview shows how black text looks on a background with the CIELCh color 82, 40.340, 126.740.



This preview shows how white text looks on a background with the CIELCh color 82, 40.340, 126.740.

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, 40.340, 126.740

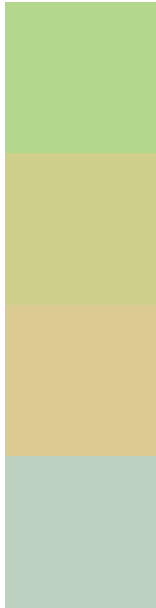
Protanopia
82, 35.252, 95.635

Deuteranopia
82, 32.395, 72.064



Tritanopia
82, 9.510, 262.650

Trichromacy



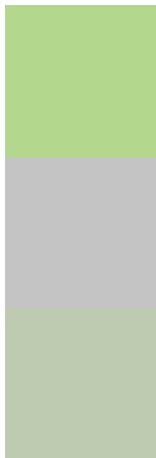
Original Color
82, 40.340, 126.740

Protanomaly
82, 35.429, 108.321

Deuteranomaly
81, 30.744, 94.479

Tritanomaly
82, 11.902, 149.573

Monochromacy



Original Color
82, 40.340, 126.740

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 15.151, 127.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 40.340, 126.740 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(180, 215, 142)` looks like.

```
.text, #text, p{  
    color:rgb(180, 215, 142)  
}
```

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(180, 215, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 215, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 40.340, 126.740 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(180, 215, 142) }
```

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

```
.border{ border-color:rgb(180, 215, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 215, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 215, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 215, 142);  
box-shadow:4px 4px 4px 4px rgb(180, 215,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 40.340, 126.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 215, 142) }
```

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

```
.background{ background-color: rgb(180,  
215, 142) }
```

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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