

Converting Colors

CIELCh(82, 35.259, 121.336)

Have a look what the booklet for
CIELCh(82, 35.259, 121.336)
contains.

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Color

CIELCh(82, 34.961, 121.558)

Conversions

Conversions Part 1

Format	Color
Hex	BED493
RGB	190, 212, 147
RGB Percent	75%, 83%, 58%
CMY	0.2540, 0.1677, 0.4226
CMYK	0.10, 0.00, 0.31, 0.17
HSL	80°, 43%, 70%
HSV	80°, 31%, 83%
XYZ	50.1820, 60.2982, 36.6904
YIQ	198.0120, 7.7530, -24.8790

Conversions

Conversions Part 2

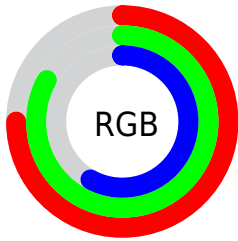
Format	Color
RYB	147, 212, 169
Decimal	12506259
CIELab	82.00, -18.30, 29.79
CIELCh	82, 34.961, 121.558
Yxy	60.2982, 0.3410, 0.4097
Android (android.graphics.Color)	4290696339 (0xFFBED493)
YUV	198.0120, -25.1489, -7.0265
Hunter-Lab	77.6519, -20.5364, 26.3419

Details

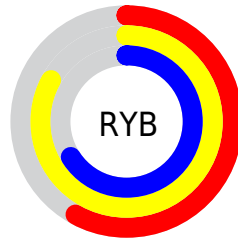
The CIELCh color **82, 34.961, 121.558** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 37.066, 305.183**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 27.428, 114.384**, and **62, 34.550, 121.392** is the 20% darker color. If you saturate the color by 10%, you get **81, 46.022, 121.026**, and if you desaturate by 10%, it is **83, 23.646, 122.118**.

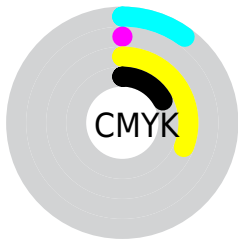
Distribution



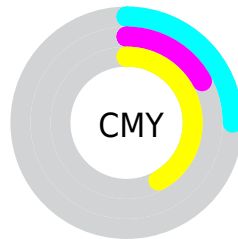
- Red (75%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 34.961, 121.558 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, 34.961, 121.558 by changing the saturation by 10% instead.

■ 82, 34.961,
121.558

■ 82, 34.961,
121.558

■ 100, 34.961,
121.558

■ 72, 34.961,
121.558

■ 62, 34.961,
121.558

■ 52, 34.961,
121.558

■ 42, 34.961,
121.558

■ 32, 34.961,
121.558

■ 22, 34.961,
121.558

■ 12, 34.961,

121.558

■ 2, 34.961, 121.558

■ 0, 34.961, 121.558

■ 82, 34.961,
121.558

■ 82, 34.961,
121.558

■ 81, 46.022,
121.026

■ 83, 23.646,
122.118

■ 80, 56.628,
120.555

■ 84, 12.201,
122.675

■ 80, 66.497,
120.207

■ 85, 0.717, 123.297

■ 79, 75.224,
120.070

■ 86, 10.744,
303.710

■ 79, 82.309,

■ 87, 22.136,
304.190

120.255

88, 23.600,
309.623

78, 87.288,
120.874

88, 24.452,
315.209

78, 90.162,
121.828

89, 25.517,
320.445

90, 26.775,
325.289

Harmonies

Complementary

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



82, 34.961, 121.558



65, 37.066, 305.183

Rectangle

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



82, 34.961, 121.558



82, 34.961, 171.558



82, 34.961, 301.558



82, 34.961, 351.558

Sweetspot

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



82, 34.963, 121.560



99, 11.984, 122.760



73, 21.451, 53.412



53, 8.328, 122.679



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, 34.963, 121.560



96, 48.779, 121.195



80, 39.965, 138.106



45, 6.560, 122.742



64, 76.582, 121.598



16, 26.383, 122.392

Inverse Universe

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



65, 37.066, 305.183



72, 52.499, 305.702



68, 40.410, 321.184



42, 6.678, 303.758



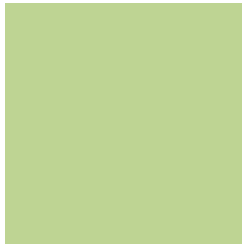
23, 95.467, 308.918



2, 28.191, 302.725

Previews

White Background



This preview shows how the CIELCh color 82, 34.961, 121.558 looks on a white background.

Color Contrast Check

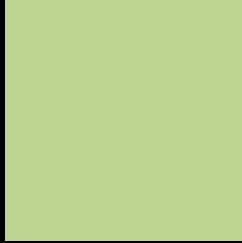
Large Text (above 18pt) WCAG AA × Fail

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, 34.961, 121.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

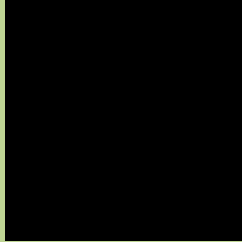
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 34.961, 121.558

Background



This preview shows how black text looks on a background with the CIELCh color 82, 34.961, 121.558.

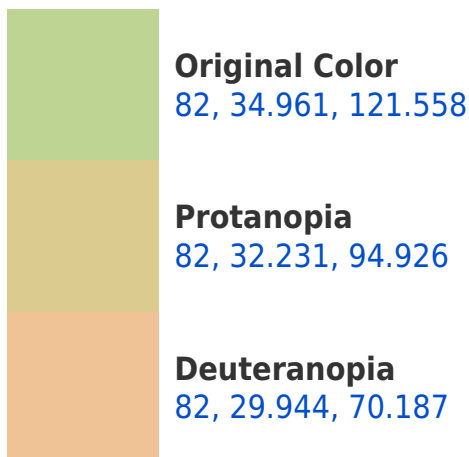


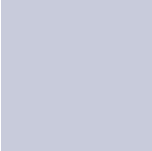
This preview shows how white text looks on a background with the CIELCh color 82, 34.961, 121.558.

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, 8.534, 283.835

Trichromacy



Original Color
82, 34.961, 121.558

Protanomaly
82, 31.899, 105.152

Deuteranomaly
82, 28.204, 90.210

Tritanomaly
82, 7.832, 137.632

Monochromacy



Original Color
82, 34.961, 121.558

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 12.559, 122.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 34.961, 121.558 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(190, 212, 147)` looks like.

```
.text, #text, p{  
    color:rgb(190, 212, 147)  
}
```

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(190, 212, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 212, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 34.961, 121.558 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(190, 212, 147) }
```

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

```
.border{ border-color:rgb(190, 212, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 212, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 212, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 212, 147);  
box-shadow:4px 4px 4px 4px rgb(190, 212,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 34.961, 121.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 212, 147) }
```

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

```
.background{ background-color: rgb(190,  
212, 147) }
```

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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