

Converting Colors

CIELCh(82, 35.481, 120.157)

Have a look what the booklet for
CIELCh(82, 35.481, 120.157)
contains.

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Color

CIELCh(82, 35.256, 120.117)

Conversions

Conversions Part 1

Format	Color
Hex	C0D492
RGB	192, 212, 146
RGB Percent	75%, 83%, 57%
CMY	0.2475, 0.1690, 0.4278
CMYK	0.09, 0.00, 0.31, 0.17
HSL	78°, 43%, 70%
HSV	78°, 31%, 83%
XYZ	50.4085, 60.2982, 36.1350
YIQ	198.4960, 9.2660, -24.7660

Conversions

Conversions Part 2

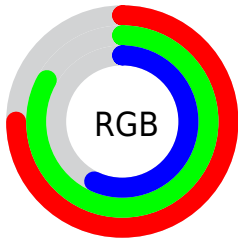
Format	Color
RYB	146, 212, 166
Decimal	12637330
CIELab	82.00, -17.69, 30.50
CIELCh	82, 35.256, 120.117
Yxy	60.2982, 0.3433, 0.4106
Android (android.graphics.Color)	4290827410 (0xFFC0D492)
YUV	198.4960, -25.8805, -5.6970
Hunter-Lab	77.6519, -20.0159, 26.7660

Details

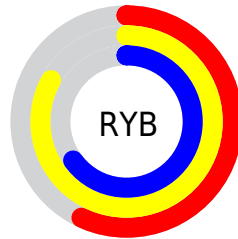
The CIELCh color **82, 35.256, 120.117** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 37.534, 304.039**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 27.845, 112.715**, and **62, 34.839, 119.833** is the 20% darker color. If you saturate the color by 10%, you get **81, 46.196, 119.561**, and if you desaturate by 10%, it is **83, 24.048, 120.704**.

Distribution



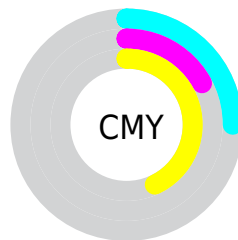
- Red (75%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (65%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)





- Cyan (25%)
- Magenta (17%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 35.256, 120.117 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, 35.256, 120.117 by changing the saturation by 10% instead.


 82, 35.256,
120.117


 82, 35.256,
120.117


 100, 35.256,
120.117


 72, 35.256,
120.117

 62, 35.256,
120.117

 52, 35.256,
120.117

 42, 35.256,
120.117

 32, 35.256,
120.117

 22, 35.256,
120.117

 12, 35.256,

120.117

■ 2, 35.256, 120.117

■ 0, 35.256, 120.117

■ 82, 35.256,
120.117

■ 82, 35.256,
120.117

■ 81, 46.196,
119.561

■ 83, 24.048,
120.704

■ 81, 56.664,
119.069

■ 84, 12.697,
121.290

■ 80, 66.370,
118.704

■ 85, 1.296, 121.894

■ 79, 74.905,
118.550

■ 86, 10.093,
302.392

■ 79, 81.764,

■ 87, 21.427,
302.905

118.715

88, 23.532,
307.444

78, 86.491,
119.306

88, 24.205,
312.513

78, 89.047,
120.161

89, 25.053,
317.333

89, 26.065,
321.862

Harmonies

Complementary

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



82, 35.256, 120.117



64, 37.534, 304.039

Rectangle

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



82, 35.256, 120.117



82, 35.256, 170.117



82, 35.256, 300.117



82, 35.256, 350.117

Sweetspot

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



82, 35.258, 120.119



99, 11.915, 121.409



72, 21.973, 49.720



53, 8.280, 121.324



0, 0.000, 0.000



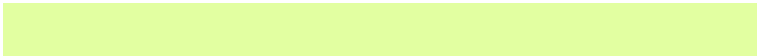
53, 0.007, 296.813

Same Dimension

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



82, 35.258, 120.119



96, 48.450, 119.765



80, 40.151, 137.156



45, 6.523, 121.390



64, 75.745, 119.945



16, 26.125, 120.749

Inverse Universe

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



64, 37.534, 304.039



72, 52.347, 304.562



68, 40.719, 320.188



42, 6.645, 302.470



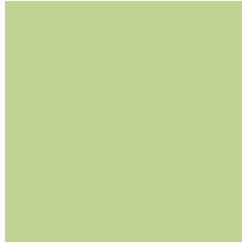
23, 96.074, 308.419



2, 28.081, 301.676

Previews

White Background



This preview shows how the CIELCh color 82, 35.256, 120.117 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 CIE LCh color 82, 35.256, 120.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

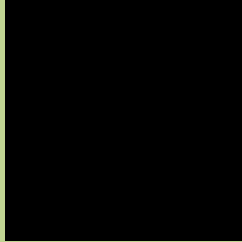
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 35.256, 120.117

Background



This preview shows how black text looks on a background with the CIELCh color 82, 35.256, 120.117.



This preview shows how white text looks on a background with the CIELCh color 82, 35.256, 120.117.

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](#).

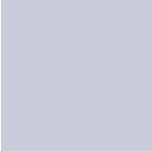
Dichromacy



Original Color
82, 35.256, 120.117

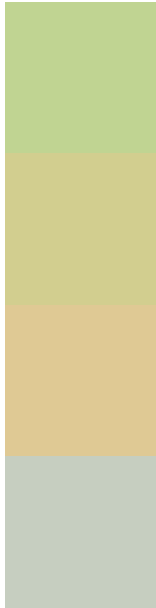
Protanopia
82, 32.736, 95.057

Deuteranopia
82, 31.079, 70.624



Tritanopia
82, 8.488, 288.549

Trichromacy



Original Color
82, 35.256, 120.117

Protanomaly
82, 32.939, 104.418

Deuteranomaly
82, 29.333, 89.923

Tritanomaly
82, 7.991, 131.258

Monochromacy



Original Color
82, 35.256, 120.117

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 12.984, 120.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 35.256, 120.117 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(192, 212, 146)` looks like.

```
.text, #text, p{  
    color:rgb(192, 212, 146)  
}
```

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(192, 212, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 212, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 35.256, 120.117 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(192, 212, 146) }
```

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

```
.border{ border-color:rgb(192, 212, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 212, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 212, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 212, 146);  
box-shadow:4px 4px 4px 4px rgb(192, 212,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 35.256, 120.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 212, 146) }
```

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

```
.background{ background-color: rgb(192,  
212, 146) }
```

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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