

Converting Colors

CIELCh(82, 37.749, 134.319)

Have a look what the booklet for
CIELCh(82, 37.749, 134.319)
contains.

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Color

CIELCh(82, 37.672, 134.414)

Conversions

Conversions Part 1

Format	Color
Hex	ABD898
RGB	171, 216, 152
RGB Percent	67%, 85%, 60%
CMY	0.3279, 0.1514, 0.4024
CMYK	0.21, 0.00, 0.30, 0.15
HSL	102°, 45%, 72%
HSV	102°, 30%, 85%
XYZ	47.2364, 60.2982, 39.0168
YIQ	195.2490, -6.2760, -29.4440

Conversions

Conversions Part 2

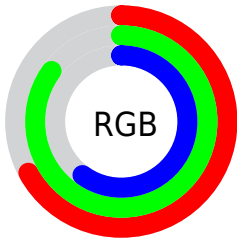
Format	Color
RYB	152, 216, 197
Decimal	11262104
CIELab	82.00, -26.36, 26.91
CIELCh	82, 37.672, 134.414
Yxy	60.2982, 0.3223, 0.4114
Android (android.graphics.Color)	4289452184 (0xFFABD898)
YUV	195.2490, -21.3218, -21.2664
Hunter-Lab	77.6519, -27.3076, 24.5656

Details

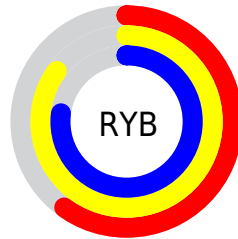
The CIELCh color $82, 37.672, 134.414$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $69, 38.506, 317.098$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 26.478, 131.094$, and $62, 37.836, 134.051$ is the 20% darker color. If you saturate the color by 10%, you get $81, 50.189, 133.856$, and if you desaturate by 10%, it is $83, 24.946, 134.945$.

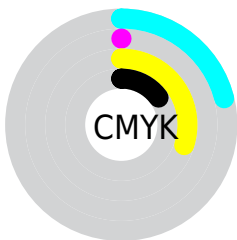
Distribution



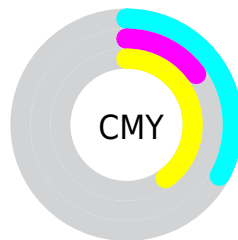
- Red (67%)
- Green (85%)
- Blue (60%)



- Red (60%)
- Yellow (85%)
- Blue (77%)



- Cyan (21%)
- Magenta (0%)
- Yellow (30%)
- Black (15%)



- Cyan (33%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 37.672, 134.414 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, 37.672, 134.414 by changing the saturation by 10% instead.

■ 82, 37.672,
134.414

■ 82, 37.672,
134.414

■ 100, 37.672,
134.414

■ 72, 37.672,
134.414

■ 62, 37.672,
134.414

■ 52, 37.672,
134.414

■ 42, 37.672,
134.414

■ 32, 37.672,
134.414

■ 22, 37.672,
134.414

■ 12, 37.672,

134.414

■ 2, 37.672, 134.414

■ 0, 37.672, 134.414

■ 82, 37.672,
134.414

■ 82, 37.672,
134.414

■ 81, 50.189,
133.856

■ 83, 24.946,
134.945

■ 80, 62.260,
133.297

■ 85, 12.171,
135.434

■ 79, 73.568,
132.794

■ 87, 0.533, 315.487

■ 78, 83.681,
132.436

■ 88, 13.081,
316.212

■ 77, 92.063,

■ 90, 22.853,
319.623

132.343

91, 24.174,
325.266

77, 98.196,
132.642

76, 102.035,
133.312

76, 102.173,
133.337

Harmonies

Complementary

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



82, 37.672, 134.414



69, 38.506, 317.098

Rectangle

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



82, 37.672, 134.414



82, 37.672, 184.414



82, 37.672, 314.414



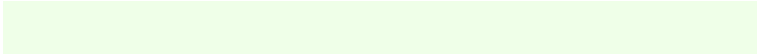
82, 37.672, 4.414

Sweetspot

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



82, 37.674, 134.415



98, 13.051, 135.458



80, 24.967, 89.956



52, 9.075, 135.388



0, 0.000, 0.000



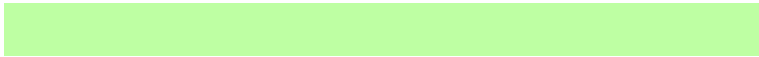
53, 0.007, 296.813

Same Dimension

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



82, 37.674, 134.415



94, 52.242, 134.040



81, 35.930, 148.284



44, 7.145, 135.442



61, 85.451, 133.133



15, 29.575, 135.022

Inverse Universe

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



69, 38.506, 317.098



76, 53.656, 317.387



71, 36.086, 332.428



42, 7.203, 316.209



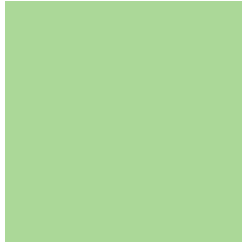
32, 88.625, 317.515



4, 30.675, 316.857

Previews

White Background



This preview shows how the CIELCh color 82, 37.672, 134.414 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, 37.672, 134.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

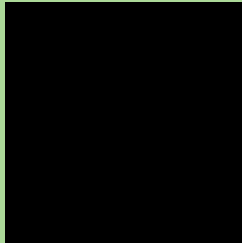
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 37.672, 134.414

Background



This preview shows how black text looks on a background with the CIELCh color 82, 37.672, 134.414.



This preview shows how white text looks on a background with the CIELCh color 82, 37.672, 134.414.

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, 37.672, 134.414

Protanopia
82, 30.116, 95.096

Deuteranopia
82, 26.836, 67.928



Tritanopia
82, 11.985, 248.001

Trichromacy



Original Color
82, 37.672, 134.414



Protanomaly
82, 30.912, 111.870



Deuteranomaly
81, 25.623, 98.031



Tritanomaly
82, 12.888, 168.895

Monochromacy



Original Color
82, 37.672, 134.414



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 13.638, 135.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 37.672, 134.414 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(171, 216, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 216, 152)  
}
```

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(171, 216, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 216, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 37.672, 134.414 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(171, 216, 152) }
```

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

```
.border{ border-color:rgb(171, 216, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 216, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 216, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 216, 152); box-shadow:4px 4px 4px 4px rgb(171, 216, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 37.672, 134.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 216, 152) }
```

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

```
.background{ background-color: rgb(171,  
216, 152) }
```

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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