

Converting Colors

CIELCh(82, 47.450, 120.088)

Have a look what the booklet for
CIELCh(82, 47.450, 120.088)
contains.

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Color

CIELCh(82, 47.693, 120.304)

Conversions

Conversions Part 1

Format	Color
Hex	BAD77D
RGB	186, 215, 125
RGB Percent	73%, 84%, 49%
CMY	0.2719, 0.1582, 0.5110
CMYK	0.14, 0.00, 0.42, 0.16
HSL	79°, 53%, 67%
HSV	79°, 42%, 84%
XYZ	48.0638, 60.2982, 28.4023
YIQ	196.0690, 11.6060, -34.1380

Conversions

Conversions Part 2

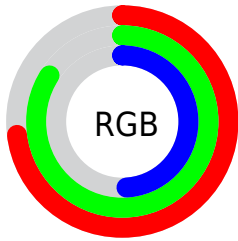
Format	Color
RYB	125, 215, 154
Decimal	12244861
CIELab	82.00, -24.07, 41.18
CIELCh	82, 47.693, 120.304
Yxy	60.2982, 0.3514, 0.4409
Android (android.graphics.Color)	4290434941 (0xFFBAD77D)
YUV	196.0690, -35.0370, -8.8305
Hunter-Lab	77.6519, -25.4057, 32.6702

Details

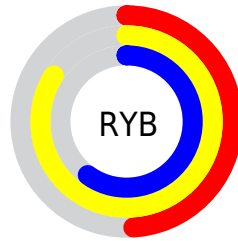
The CIELCh color $82, 47.693, 120.304$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $58, 51.994, 305.561$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 38.449, 114.145$, and $62, 47.586, 120.419$ is the 20% darker color. If you saturate the color by 10%, you get $81, 58.275, 119.836$, and if you desaturate by 10%, it is $83, 36.622, 120.846$.

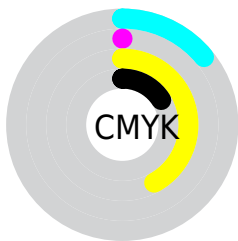
Distribution



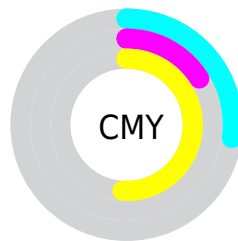
- Red (73%)
- Green (84%)
- Blue (49%)



- Red (49%)
- Yellow (84%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)




- Cyan (27%)
- Magenta (16%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 47.693, 120.304 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, 47.693, 120.304 by changing the saturation by 10% instead.


 82, 47.693,
120.304


 82, 47.693,
120.304


 100, 47.693,
120.304


 72, 47.693,
120.304

 62, 47.693,
120.304

 52, 47.693,
120.304

 42, 47.693,
120.304

 32, 47.693,
120.304

 22, 47.693,
120.304

 12, 47.693,

120.304

■ 2, 47.693, 120.304

■ 0, 47.693, 120.304

■ 82, 47.693,
120.304

■ 82, 47.693,
120.304

■ 81, 58.275,
119.836

■ 83, 36.622,
120.846

■ 81, 68.061,
119.499

■ 84, 25.265,
121.415

■ 80, 76.627,
119.385

■ 85, 13.761,
121.986

■ 80, 83.460,
119.605

■ 86, 2.204, 122.562

■ 79, 88.117,

■ 87, 9.341, 303.056

120.267

88, 20.826,
303.556

79, 90.471,
121.090

89, 22.185,
309.176

89, 23.000,
314.905

90, 24.026,
320.263

Harmonies

Complementary

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



82, 47.693, 120.304



58, 51.994, 305.561

Rectangle

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



82, 47.693, 120.304



82, 47.693, 170.304



82, 47.693, 300.304



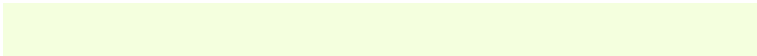
82, 47.693, 350.304

Sweetspot

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



82, 47.695, 120.306



98, 17.263, 121.917



69, 31.023, 51.007



52, 12.077, 121.790



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, 47.695, 120.306



95, 64.690, 119.896



79, 54.567, 136.884



45, 6.543, 122.127



64, 76.194, 120.855



16, 26.263, 121.651

Inverse Universe

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



58, 51.994, 305.561



62, 72.091, 306.300



63, 55.426, 321.148



42, 6.663, 303.172



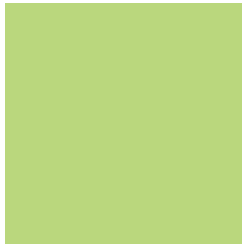
23, 95.749, 308.683



2, 28.138, 302.238

Previews

White Background



This preview shows how the CIELCh color 82, 47.693, 120.304 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, 47.693, 120.304 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, 47.693, 120.304

Background



This preview shows how black text looks on a background with the CIELCh color 82, 47.693, 120.304.



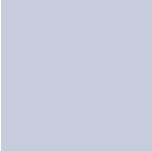
This preview shows how white text looks on a background with the CIELCh color 82, 47.693, 120.304.

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, 8.697, 276.964

Trichromacy



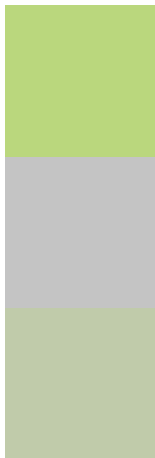
Original Color
82, 47.693, 120.304

Protanomaly
82, 44.373, 105.686

Deuteranomaly
82, 40.140, 94.043

Tritanomaly
82, 13.253, 132.316

Monochromacy



Original Color
82, 47.693, 120.304

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 17.967, 122.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 47.693, 120.304 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(186, 215, 125)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 125)  
}
```

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(186, 215, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 47.693, 120.304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

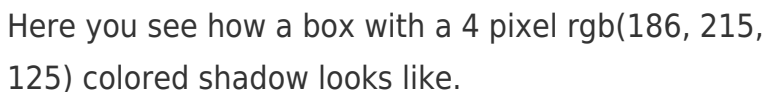
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 215, 125) }
```

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

```
.border{ border-color:rgb(186, 215, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 215, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 215, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 215, 125); box-shadow:4px 4px 4px 4px rgb(186, 215, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 47.693, 120.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 125) }
```

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

```
.background{ background-color: rgb(186,  
215, 125) }
```

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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