

Converting Colors

CIELCh(82, 66.558, 122.831)

Have a look what the booklet for
CIELCh(82, 66.558, 122.831)
contains.

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Color

CIELCh(82, 66.582, 122.824)

Conversions

Conversions Part 1

Format	Color
Hex	A9DC5D
RGB	169, 220, 93
RGB Percent	66%, 86%, 36%
CMY	0.3379, 0.1379, 0.6359
CMYK	0.23, 0.00, 0.58, 0.14
HSL	84°, 64%, 61%
HSV	84°, 58%, 86%
XYZ	43.8407, 60.2982, 19.6457
YIQ	190.2730, 10.3710, -50.3090

Conversions

Conversions Part 2

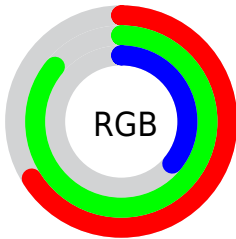
Format	Color
RYB	93, 220, 144
Decimal	11131997
CIELab	82.00, -36.09, 55.95
CIElCh	82, 66.582, 122.824
Yxy	60.2982, 0.3542, 0.4871
Android (android.graphics.Color)	4289322077 (0xFFA9DC5D)
YUV	190.2730, -47.9556, -18.6564
Hunter-Lab	77.6519, -35.1133, 39.3562

Details

The CIELCh color **82, 66.582, 122.824** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **51, 74.375, 309.145**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 54.732, 117.642**, and **62, 66.752, 123.021** is the 20% darker color. If you saturate the color by 10%, you get **81, 76.141, 122.651**, and if you desaturate by 10%, it is **83, 55.985, 123.185**.

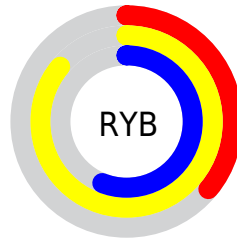
Distribution



Red (66%)

Green (86%)

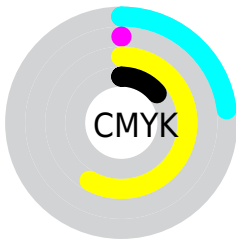
Blue (36%)



Red (36%)

Yellow (86%)

Blue (56%)

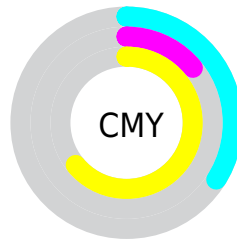


Cyan (23%)

Magenta (0%)

Yellow (58%)

Black (14%)



Cyan (34%)


Magenta (14%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 66.582, 122.824 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, 66.582, 122.824 by changing the saturation by 10% instead.


 82, 66.582,
122.824


 82, 66.582,
122.824


 100, 66.582,
122.824


 72, 66.582,
122.824

 62, 66.582,
122.824

 52, 66.582,
122.824

 42, 66.582,
122.824

 32, 66.582,
122.824

 22, 66.582,
122.824

 12, 66.582,

122.824

■ 2, 66.582, 122.824

■ 0, 66.582, 122.824

■ 82, 66.582,
122.824

■ 82, 66.582,
122.824

■ 81, 76.141,
122.651

■ 83, 55.985,
123.185

■ 81, 84.164,
122.775

■ 84, 44.729,
123.648

■ 80, 90.140,
123.321

■ 85, 33.081,
124.157

■ 80, 93.865,
124.349

■ 86, 21.222,
124.678

■ 80, 94.553,

■ 87, 9.275, 125.192

124.598

■ 88, 2.674, 305.633

■ 89, 14.564,
306.114

■ 90, 19.586,
311.671

■ 91, 20.829,
319.695

Harmonies

Complementary

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



82, 66.582, 122.824



51, 74.375, 309.145

Rectangle

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



82, 66.582, 122.824



82, 66.582, 172.824



82, 66.582, 302.824



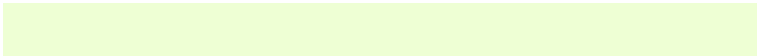
82, 66.582, 352.824

Sweetspot

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



82, 66.583, 122.825



98, 22.903, 124.711



66, 45.358, 58.361



52, 15.315, 124.605



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, 66.583, 122.825



93, 86.938, 122.648



79, 76.671, 137.586



46, 6.767, 125.107



64, 79.041, 124.337



16, 28.415, 124.628

Inverse Universe

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



51, 74.375, 309.145



51, 99.783, 309.834



58, 76.897, 324.268



43, 6.878, 306.030



25, 95.354, 309.945



3, 30.613, 305.678

Previews

White Background



This preview shows how the CIELCh color 82, 66.582, 122.824 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, 66.582, 122.824 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, 66.582, 122.824

Background



This preview shows how black text looks on a background with the CIELCh color 82, 66.582, 122.824.

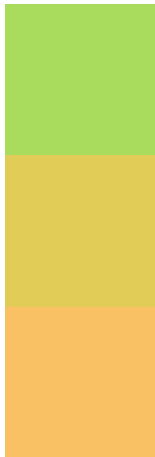


This preview shows how white text looks on a background with the CIELCh color 82, 66.582, 122.824.

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, 66.582, 122.824

Protanopia
82, 59.391, 95.712

Deuteranopia
82, 54.846, 78.926



Tritanopia
82, 11.170, 253.155

Trichromacy



Original Color
82, 66.582, 122.824



Protanomaly
82, 60.168, 106.868



Deuteranomaly
81, 54.601, 97.626

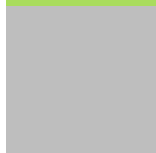


Tritanomaly
82, 21.881, 140.432

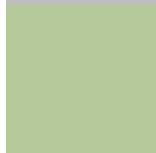
Monochromacy



Original Color
82, 66.582, 122.824



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 25.454, 124.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 66.582, 122.824 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(169, 220, 93)` looks like.

```
.text, #text, p{  
    color:rgb(169, 220, 93)  
}
```

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(169, 220, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 220, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 66.582, 122.824 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(169, 220, 93) }
```

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

```
.border{ border-color:rgb(169, 220, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 220, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 220, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 220, 93);  
box-shadow:4px 4px 4px 4px rgb(169, 220,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 66.582, 122.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 220, 93) }
```

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

```
.background{ background-color: rgb(169,  
220, 93) }
```

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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