

Converting Colors

CIELCh(82, 61.336, 122.782)

Have a look what the booklet for
CIELCh(82, 61.336, 122.782)
contains.

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Color

CIELCh(82, 61.336, 122.782)

Conversions

Conversions Part 1

Format	Color
Hex	ADDB67
RGB	173, 219, 103
RGB Percent	68%, 86%, 40%
CMY	0.3229, 0.1425, 0.5974
CMYK	0.21, 0.00, 0.53, 0.14
HSL	84°, 61%, 63%
HSV	84°, 53%, 86%
XYZ	44.8291, 60.2982, 22.0218
YIQ	192.0220, 9.8200, -45.8280

Conversions

Conversions Part 2

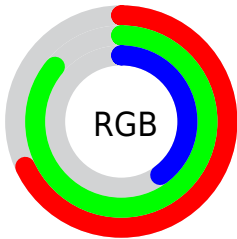
Format	Color
RYB	103, 219, 149
Decimal	11393895
CIELab	82.00, -33.21, 51.57
CIELCh	82, 61.336, 122.782
Yxy	60.2982, 0.3526, 0.4742
Android (android.graphics.Color)	4289583975 (0xFFADDDB67)
YUV	192.0220, -43.8878, -16.6823
Hunter-Lab	77.6519, -32.8414, 37.5419

Details

The CIELCh color **82, 61.336, 122.782** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **53, 67.849, 308.682**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 49.843, 117.695**, and **62, 61.495, 122.723** is the 20% darker color. If you saturate the color by 10%, you get **81, 71.384, 122.508**, and if you desaturate by 10%, it is **83, 50.451, 123.202**.

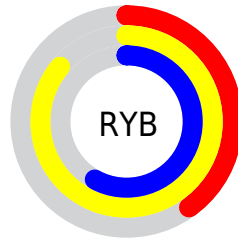
Distribution



Red (68%)

Green (86%)

Blue (40%)



Red (40%)

Yellow (86%)

Blue (58%)

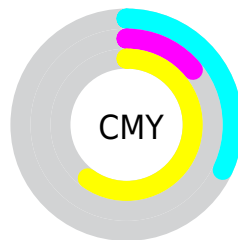


Cyan (21%)

Magenta (0%)

Yellow (53%)

Black (14%)



Cyan (32%)


Magenta (14%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 61.336, 122.782 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, 61.336, 122.782 by changing the saturation by 10% instead.


 82, 61.336,
122.782


 82, 61.336,
122.782


 100, 61.336,
122.782


 72, 61.336,
122.782

 62, 61.336,
122.782

 52, 61.336,
122.782

 42, 61.336,
122.782

 32, 61.336,
122.782

 22, 61.336,
122.782

 12, 61.336,

122.782

■ 2, 61.336, 122.782

■ 0, 61.336, 122.782

■ 82, 61.336,
122.782

■ 82, 61.336,
122.782

■ 81, 71.384,
122.508

■ 83, 50.451,
123.202

■ 81, 80.147,
122.473

■ 84, 39.047,
123.694

■ 80, 87.103,
122.802

■ 85, 27.346,
124.215

■ 80, 91.830,
123.603

■ 86, 15.498,
124.736

■ 79, 94.011,

■ 87, 3.605, 125.256

124.388

■ 88, 8.260, 305.694

■ 89, 19.678,
306.410

■ 90, 20.641,
314.507

■ 91, 21.975,
321.876

Harmonies

Complementary

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



82, 61.336, 122.782



53, 67.849, 308.682

Rectangle

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



82, 61.336, 122.782



82, 61.336, 172.782



82, 61.336, 302.782



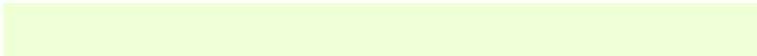
82, 61.336, 352.782

Sweetspot

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



82, 61.337, 122.783



98, 21.536, 124.576



67, 40.943, 57.108



52, 14.537, 124.467



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, 61.337, 122.783



93, 81.767, 122.484



79, 70.460, 137.638



46, 6.760, 124.922



64, 78.911, 124.133



16, 28.372, 124.419

Inverse Universe

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



53, 67.849, 308.682



54, 92.900, 309.431



60, 70.941, 323.603



43, 6.872, 305.852



25, 95.450, 309.856



3, 30.587, 305.503

Previews

White Background



This preview shows how the CIELCh color 82, 61.336, 122.782 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, 61.336, 122.782 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, 61.336, 122.782

Background



This preview shows how black text looks on a background with the CIELCh color 82, 61.336, 122.782.



This preview shows how white text looks on a background with the CIELCh color 82, 61.336, 122.782.

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](#).

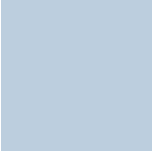
Dichromacy



Original Color
82, 61.336, 122.782

Protanopia
82, 54.865, 95.877

Deuteranopia
82, 50.815, 78.355



Tritanopia
82, 10.370, 254.252

Trichromacy



Original Color
82, 61.336, 122.782



Protanomaly
82, 55.269, 106.573



Deuteranomaly
81, 50.024, 96.921

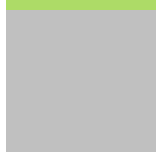


Tritanomaly
82, 20.126, 141.077

Monochromacy



Original Color
82, 61.336, 122.782



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 23.189, 124.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 61.336, 122.782 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(173, 219, 103)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 103)  
}
```

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(173, 219, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 61.336, 122.782 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(173, 219, 103) }
```

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

```
.border{ border-color:rgb(173, 219, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 219, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 103);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 61.336, 122.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 103) }
```

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

```
.background{ background-color: rgb(173,  
219, 103) }
```

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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