

Converting Colors

CIELCh(82, 49.380, 102.703)

Have a look what the booklet for
CIELCh(82, 49.380, 102.703)
contains.

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Color

CIELCh(82, 49.763, 102.848)

Conversions

Conversions Part 1

Format	Color
Hex	D6D06F
RGB	214, 208, 111
RGB Percent	84%, 82%, 44%
CMY	0.1624, 0.1858, 0.5661
CMYK	0.00, 0.03, 0.48, 0.16
HSL	57°, 55%, 64%
HSV	57°, 48%, 84%
XYZ	52.9246, 60.2982, 23.7834
YIQ	198.7360, 34.7130, -28.8950

Conversions

Conversions Part 2

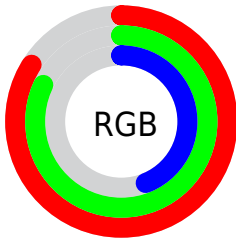
Format	Color
RYB	117, 214, 111
Decimal	14078063
CIELab	82.00, -11.07, 48.52
CIElCh	82, 49.763, 102.848
Yxy	60.2982, 0.3863, 0.4401
Android (android.graphics.Color)	4292268143 (0xFFD6D06F)
YUV	198.7360, -43.2538, 13.3865
Hunter-Lab	77.6519, -14.2321, 36.1969

Details

The CIELCh color **82, 49.763, 102.848** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 55.990, 294.956**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 44.955, 106.742**, and **62, 50.051, 103.054** is the 20% darker color. If you saturate the color by 10%, you get **81, 59.038, 101.900**, and if you desaturate by 10%, it is **83, 39.872, 103.850**.

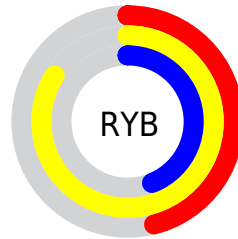
Distribution



Red (84%)

Green (82%)

Blue (44%)



Red (46%)

Yellow (84%)

Blue (44%)

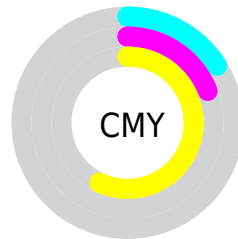


Cyan (0%)

Magenta (3%)

Yellow (48%)

Black (16%)



Cyan (16%)

Magenta (19%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 49.763, 102.848 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, 49.763, 102.848 by changing the saturation by 10% instead.

 82, 49.763,
102.848

 82, 49.763,
102.848

 100, 49.763,
102.848

 72, 49.763,
102.848

 62, 49.763,
102.848

 52, 49.763,
102.848

 42, 49.763,
102.848

 32, 49.763,
102.848

 22, 49.763,
102.848

 12, 49.763,

102.848

■ 2, 49.763, 102.848

■ 0, 49.763, 102.848

■ 82, 49.763,
102.848

■ 82, 49.763,
102.848

■ 81, 59.038,
101.900

■ 83, 39.872,
103.850

■ 81, 67.303,
101.023

■ 83, 29.623,
104.873

■ 81, 74.030,
100.250

■ 84, 19.180,
105.901

■ 80, 78.650, 99.603

■ 85, 8.649, 106.917

■ 80, 80.940, 99.079

■ 86, 1.908, 287.977

■ 80, 81.249, 98.990

■ 87, 12.451,
288.908

■ 87, 20.265,
289.306

■ 88, 19.612,
287.955

■ 88, 18.971,
286.516

Harmonies

Complementary

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



82, 49.763, 102.848



53, 55.990, 294.956

Rectangle

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



82, 49.763, 102.848



82, 49.763, 152.848



82, 49.763, 282.848



82, 49.763, 332.848

Sweetspot

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



82, 49.764, 102.851



99, 17.044, 106.316



59, 43.581, 19.911



52, 11.763, 106.094



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, 49.764, 102.851



95, 67.871, 101.864



80, 55.592, 124.384



45, 5.999, 106.794



65, 68.837, 99.052



16, 23.580, 101.296

Inverse Universe

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



53, 55.990, 294.956



55, 79.399, 297.262



55, 60.422, 309.459



41, 6.117, 288.769



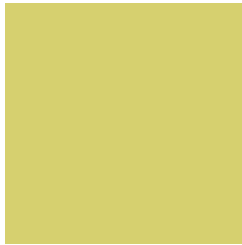
21, 96.413, 305.522



2, 26.462, 292.735

Previews

White Background



This preview shows how the CIELCh color 82, 49.763, 102.848 looks on a white background.

Color Contrast Check

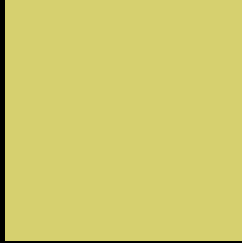
Large Text (above 18pt) WCAG AA × Fail

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, 49.763, 102.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

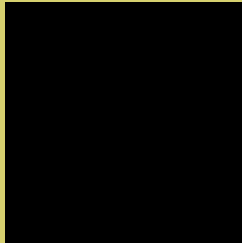
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 49.763, 102.848

Background



This preview shows how black text looks on a background with the CIELCh color 82, 49.763, 102.848.



This preview shows how white text looks on a background with the CIELCh color 82, 49.763, 102.848.

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, 49.763, 102.848

Protanopia
82, 49.675, 95.945

Deuteranopia
82, 48.574, 77.338



Tritanopia
82, 13.302, 340.952

Trichromacy



Original Color
82, 49.763, 102.848

Protanomaly
82, 49.286, 98.399

Deuteranomaly
82, 47.623, 86.783

Tritanomaly
82, 15.357, 78.545

Monochromacy



Original Color
82, 49.763, 102.848

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 18.520, 104.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 49.763, 102.848 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(214, 208, 111)` looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 111)  
}
```

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(214, 208, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 49.763, 102.848 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(214, 208, 111) }
```

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

```
.border{ border-color:rgb(214, 208, 111) }
```

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

Here you see how a box with a 4 pixel rgb(214, 208, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 111);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 49.763, 102.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 111) }
```

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

```
.background{ background-color: rgb(214,  
208, 111) }
```

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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