

Converting Colors

CIELCh(82, 48.473, 112.756)

Have a look what the booklet for
CIELCh(82, 48.473, 112.756)
contains.

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Color

CIELCh(82, 48.503, 112.743)

Conversions

Conversions Part 1

Format	Color
Hex	C6D476
RGB	198, 212, 118
RGB Percent	78%, 83%, 46%
CMY	0.2241, 0.1692, 0.5378
CMYK	0.07, 0.00, 0.44, 0.17
HSL	69°, 52%, 65%
HSV	69°, 44%, 83%
XYZ	50.0131, 60.2982, 26.0969
YIQ	197.0980, 21.8300, -32.2020

Conversions

Conversions Part 2

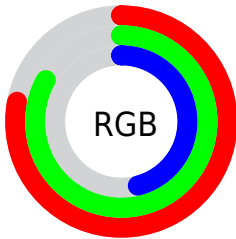
Format	Color
RYB	118, 212, 132
Decimal	13030518
CIELab	82.00, -18.75, 44.73
CIELCh	82, 48.503, 112.743
Yxy	60.2982, 0.3666, 0.4420
Android (android.graphics.Color)	4291220598 (0xFFC6D476)
YUV	197.0980, -38.9953, 0.7911
Hunter-Lab	77.6519, -20.9247, 34.4304

Details

The CIELCh color **82, 48.503, 112.743** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **55, 54.247, 300.564**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 41.560, 107.005**, and **62, 48.202, 112.829** is the 20% darker color. If you saturate the color by 10%, you get **82, 58.445, 112.114**, and if you desaturate by 10%, it is **83, 37.986, 113.453**.

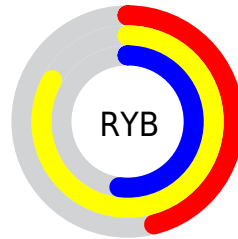
Distribution



Red (78%)

Green (83%)

Blue (46%)



Red (46%)

Yellow (83%)

Blue (52%)

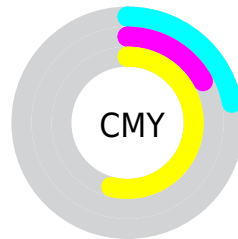


Cyan (7%)

Magenta (0%)

Yellow (44%)

Black (17%)



Cyan (22%)


Magenta (17%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 48.503, 112.743 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, 48.503, 112.743 by changing the saturation by 10% instead.

 82, 48.503,
112.743

 82, 48.503,
112.743


 100, 48.503,
112.743

 72, 48.503,
112.743

 62, 48.503,
112.743

 52, 48.503,
112.743

 42, 48.503,
112.743

 32, 48.503,
112.743

 22, 48.503,
112.743

 12, 48.503,

112.743

■ 2, 48.503, 112.743

■ 0, 48.503, 112.743

■ 82, 48.503,
112.743

■ 82, 48.503,
112.743

■ 82, 58.445,
112.114

■ 83, 37.986,
113.453

■ 81, 67.471,
111.611

■ 83, 27.118,
114.197

■ 81, 75.123,
111.309

■ 84, 16.050,
114.952

■ 80, 80.877,
111.289

■ 85, 4.882, 115.698

■ 80, 84.352,

■ 85, 6.321, 296.428

111.616

86, 17.512,
297.125

80, 85.560,
111.916

87, 22.862,
298.835

87, 23.019,
301.466

87, 23.222,
304.073

Harmonies

Complementary

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



82, 48.503, 112.743



55, 54.247, 300.564

Rectangle

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



82, 48.503, 112.743



82, 48.503, 162.743



82, 48.503, 292.743



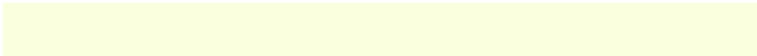
82, 48.503, 342.743

Sweetspot

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



82, 48.504, 112.745



99, 16.884, 115.045



63, 36.092, 33.817



53, 11.808, 114.877



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, 48.504, 112.745



96, 66.331, 112.161



79, 53.940, 131.472



45, 6.402, 115.323



66, 72.862, 111.788



16, 25.281, 112.876

Inverse Universe

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



55, 54.247, 300.564



58, 76.523, 301.852



59, 56.308, 315.515



41, 6.540, 296.760



21, 98.140, 306.913



2, 27.758, 297.750

Previews

White Background



This preview shows how the CIELCh color 82, 48.503, 112.743 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, 48.503, 112.743 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, 48.503, 112.743

Background



This preview shows how black text looks on a background with the CIELCh color 82, 48.503, 112.743.

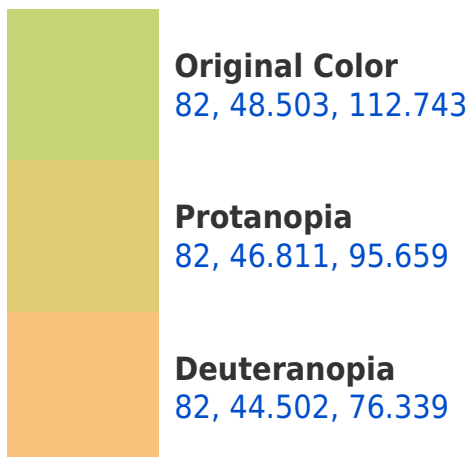



This preview shows how white text looks on a background with the CIELCh color 82, 48.503, 112.743.

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, 9.126, 311.519

Trichromacy



Original Color
82, 48.503, 112.743

Protanomaly
82, 46.941, 102.415

Deuteranomaly
81, 43.574, 90.088

Tritanomaly
82, 12.666, 107.323

Monochromacy



Original Color
82, 48.503, 112.743

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 18.073, 114.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 48.503, 112.743 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(198, 212, 118)` looks like.

```
.text, #text, p{  
    color:rgb(198, 212, 118)  
}
```

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(198, 212, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 48.503, 112.743 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(198, 212, 118) }
```

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

```
.border{ border-color:rgb(198, 212, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 212, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 212, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 212, 118);  
box-shadow:4px 4px 4px 4px rgb(198, 212,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 48.503, 112.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 212, 118) }
```

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

```
.background{ background-color: rgb(198,  
212, 118) }
```

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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