

Converting Colors

CIELCh(82, 50.990, 116.987)

Have a look what the booklet for
CIELCh(82, 50.990, 116.987)
contains.

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Color

CIELCh(82, 51.018, 116.862)

Conversions

Conversions Part 1

Format	Color
Hex	BED674
RGB	190, 214, 116
RGB Percent	75%, 84%, 45%
CMY	0.2549, 0.1608, 0.5451
CMYK	0.11, 0.00, 0.46, 0.16
HSL	75°, 54%, 65%
HSV	75°, 46%, 84%
XYZ	48.4315, 60.2982, 25.6076
YIQ	195.6520, 17.1540, -35.5660

Conversions

Conversions Part 2

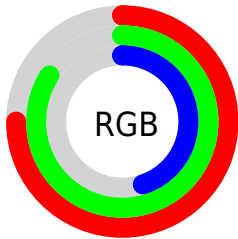
Format	Color
R _{YB}	116, 214, 140
Decimal	12506740
CIE Lab	82.00, -23.05, 45.51
CIE LCh	82, 51.018, 116.862
Yxy	60.2982, 0.3605, 0.4489
Android (android.graphics.Color)	4290696820 (0xFFBED674)
YUV	195.6520, -39.2684, -4.9568
Hunter-Lab	77.6519, -24.5605, 34.8040

Details

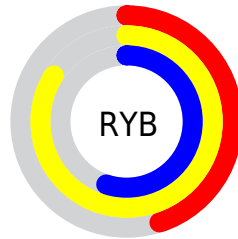
The CIELCh color **82, 51.018, 116.862** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **55, 56.756, 303.564**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 42.633, 110.588**, and **62, 50.703, 116.738** is the 20% darker color. If you saturate the color by 10%, you get **81, 61.112, 116.367**, and if you desaturate by 10%, it is **83, 40.319, 117.451**.

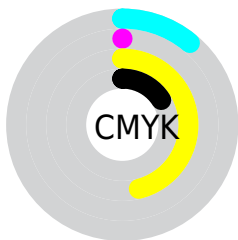
Distribution



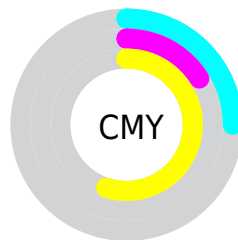
- Red (75%)
- Green (84%)
- Blue (45%)



- Red (45%)
- Yellow (84%)
- Blue (55%)



- Cyan (11%)
- Magenta (0%)
- Yellow (46%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 51.018, 116.862 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, 51.018, 116.862 by changing the saturation by 10% instead.

■ 82, 51.018,
116.862

■ 82, 51.018,
116.862

■ 100, 51.018,
116.862

■ 72, 51.018,
116.862

■ 62, 51.018,
116.862

■ 52, 51.018,
116.862

■ 42, 51.018,
116.862

■ 32, 51.018,
116.862

■ 22, 51.018,
116.862

■ 12, 51.018,

116.862

■ 2, 51.018, 116.862

■ 0, 51.018, 116.862

■ 82, 51.018,
116.862

■ 82, 51.018,
116.862

■ 81, 61.112,
116.367

■ 83, 40.319,
117.451

■ 81, 70.243,
116.027

■ 83, 29.250,
118.081

■ 80, 77.943,
115.933

■ 84, 17.975,
118.724

■ 80, 83.693,
116.188

■ 85, 6.599, 119.362

■ 80, 87.159,

■ 86, 4.804, 299.966

116.872

87, 16.184,
300.556

79, 88.193,
117.235

88, 21.963,
303.148

88, 22.383,
307.654

89, 22.934,
312.014

Harmonies

Complementary

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



82, 51.018, 116.862



55, 56.756, 303.564

Rectangle

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



82, 51.018, 116.862



82, 51.018, 166.862



82, 51.018, 296.862



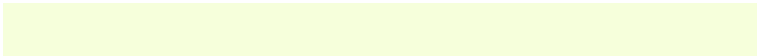
82, 51.018, 346.862

Sweetspot

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



82, 51.019, 116.864



99, 18.372, 118.830



65, 35.490, 42.710



52, 12.678, 118.691



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, 51.019, 116.864



95, 69.482, 116.378



79, 57.760, 134.374



45, 6.469, 119.132



65, 74.491, 117.038



16, 25.748, 117.905

Inverse Universe

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



55, 56.756, 303.564



58, 79.624, 304.628



60, 59.419, 318.708



41, 6.598, 300.332



22, 96.976, 307.728



2, 27.935, 300.110

Previews

White Background



This preview shows how the CIELCh color 82, 51.018, 116.862 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, 51.018, 116.862 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, 51.018, 116.862

Background



This preview shows how black text looks on a background with the CIELCh color 82, 51.018, 116.862.

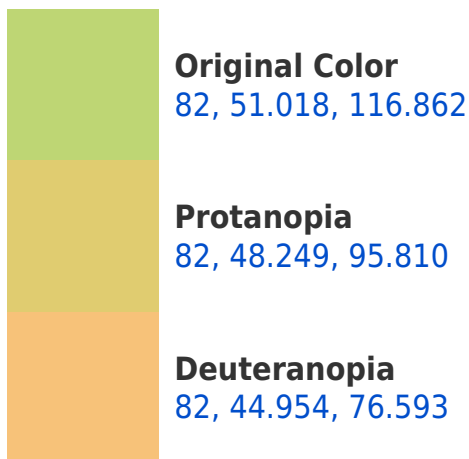


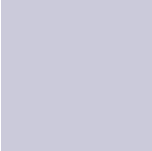
This preview shows how white text looks on a background with the CIELCh color 82, 51.018, 116.862.

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](#).

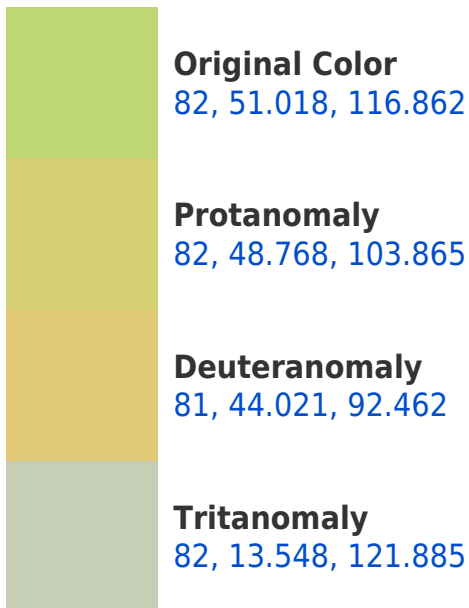
Dichromacy



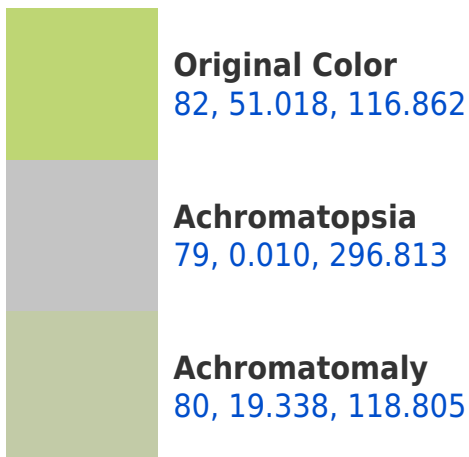


Tritanopia
82, 8.506, 293.307

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 51.018, 116.862 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(190, 214, 116)` looks like.

```
.text, #text, p{  
    color:rgb(190, 214, 116)  
}
```

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(190, 214, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 214, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 51.018, 116.862 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(190, 214, 116) }
```

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

```
.border{ border-color:rgb(190, 214, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 214, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 214, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 214, 116);  
box-shadow:4px 4px 4px 4px rgb(190, 214,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 51.018, 116.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 214, 116) }
```

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

```
.background{ background-color: rgb(190,  
214, 116) }
```

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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