

Converting Colors

CIELCh(82, 47.060, 102.448)

Have a look what the booklet for
CIELCh(82, 47.060, 102.448)
contains.

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Color

CIELCh(82, 46.941, 102.415)

Conversions

Conversions Part 1

Format	Color
Hex	D6CF74
RGB	214, 207, 116
RGB Percent	84%, 81%, 45%
CMY	0.1601, 0.1875, 0.5444
CMYK	0.00, 0.03, 0.46, 0.16
HSL	56°, 55%, 65%
HSV	56°, 46%, 84%
XYZ	53.3013, 60.2982, 25.4027
YIQ	198.7190, 33.3830, -26.8170

Conversions

Conversions Part 2

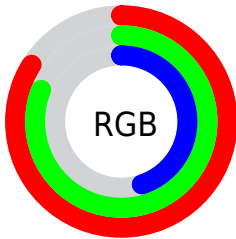
Format	Color
RYB	124, 214, 116
Decimal	14077812
CIELab	82.00, -10.09, 45.84
CIELCh	82, 46.941, 102.415
Yxy	60.2982, 0.3835, 0.4338
Android (android.graphics.Color)	4292267892 (0xFFD6CF74)
YUV	198.7190, -40.7805, 13.4014
Hunter-Lab	77.6519, -13.3661, 34.9605

Details

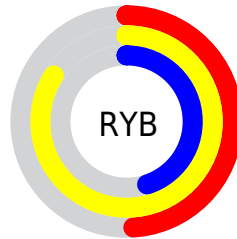
The CIELCh color **82, 46.941, 102.415** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **55, 52.199, 293.913**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 42.533, 106.929**, and **62, 46.913, 102.728** is the 20% darker color. If you saturate the color by 10%, you get **81, 56.343, 101.426**, and if you desaturate by 10%, it is **83, 37.018, 103.446**.

Distribution



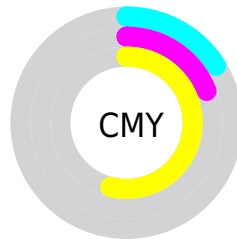
- Red (84%)
- Green (81%)
- Blue (45%)



- Red (49%)
- Yellow (84%)
- Blue (45%)



- Cyan (0%)
- Magenta (3%)
- Yellow (46%)
- Black (16%)





- Cyan (16%)
- Magenta (19%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 46.941, 102.415 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, 46.941, 102.415 by changing the saturation by 10% instead.


 82, 46.941,
102.415


 82, 46.941,
102.415


 100, 46.941,
102.415


 72, 46.941,
102.415

 62, 46.941,
102.415

 52, 46.941,
102.415

 42, 46.941,
102.415

 32, 46.941,
102.415

 22, 46.941,
102.415

 12, 46.941,

102.415

■ 2, 46.941, 102.415

■ 0, 46.941, 102.415

■ 82, 46.941,
102.415

■ 82, 46.941,
102.415

■ 81, 56.343,
101.426

■ 83, 37.018,
103.446

■ 81, 64.866,
100.494

■ 83, 26.800,
104.489

■ 80, 72.010, 99.648

■ 84, 16.432,
105.531

■ 80, 77.186, 98.910

■ 85, 6.004, 106.550

■ 79, 79.952, 98.283

■ 86, 4.430, 287.594

■ 79, 80.660, 98.037

■ 87, 14.837,
288.551

■ 88, 19.421,
288.129

■ 88, 18.631,
286.330

■ 89, 17.861,
284.379

Harmonies

Complementary

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



82, 46.941, 102.415



55, 52.199, 293.913

Rectangle

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



82, 46.941, 102.415



82, 46.941, 152.415



82, 46.941, 282.415



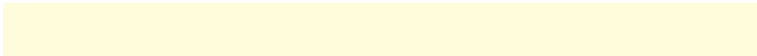
82, 46.941, 332.415

Sweetspot

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



82, 46.942, 102.418



99, 16.817, 105.698



60, 41.112, 18.163



52, 11.608, 105.473



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, 46.942, 102.418



95, 64.049, 101.447



81, 52.838, 123.853



45, 5.918, 106.182



64, 68.207, 98.116



16, 23.257, 100.494

Inverse Universe

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



55, 52.199, 293.913



58, 73.710, 296.044



57, 57.308, 308.788



41, 6.031, 288.178



21, 95.776, 305.337



2, 26.207, 292.419

Previews

White Background



This preview shows how the CIELCh color 82, 46.941, 102.415 looks on a white background.

Color Contrast Check

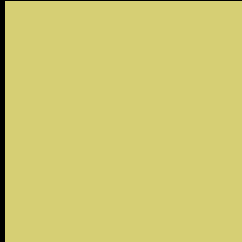
Large Text (above 18pt) WCAG AA × Fail

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, 46.941, 102.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

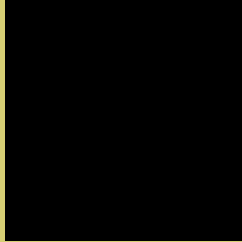
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 46.941, 102.415

Background



This preview shows how black text looks on a background with the CIELCh color 82, 46.941, 102.415.



This preview shows how white text looks on a background with the CIELCh color 82, 46.941, 102.415.

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, 46.941, 102.415

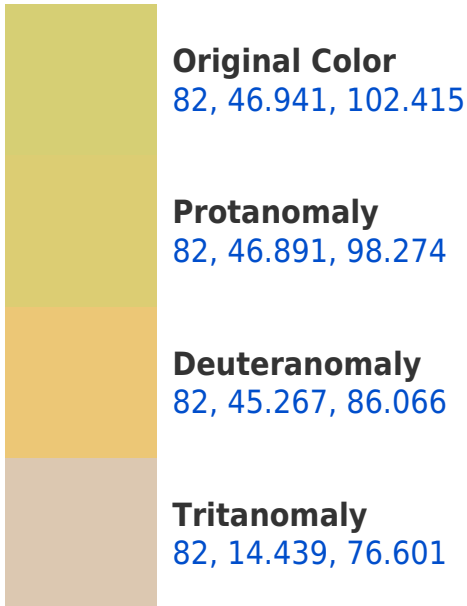
Protanopia
82, 46.811, 95.659

Deuteranopia
82, 46.266, 77.348



Tritanopia
82, 12.982, 342.770

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 46.941, 102.415 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, 207, 116)` looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 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(214, 207, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 46.941, 102.415 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, 207, 116) }
```

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

```
.border{ border-color:rgb(214, 207, 116) }
```

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

Here you see how a box with a 4 pixel rgb(214, 207, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 116);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 46.941, 102.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 116) }
```

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

```
.background{ background-color: rgb(214,  
207, 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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