

Converting Colors

CIELCh(82, 66.475, 103.084)

Have a look what the booklet for
CIELCh(82, 66.475, 103.084)
contains.

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Color

CIELCh(82, 66.376, 102.811)

Conversions

Conversions Part 1

Format	Color
Hex	D5D14A
RGB	213, 209, 74
RGB Percent	84%, 82%, 29%
CMY	0.1644, 0.1800, 0.7094
CMYK	0.00, 0.02, 0.65, 0.16
HSL	58°, 62%, 56%
HSV	58°, 65%, 84%
XYZ	51.5273, 60.2982, 15.4169
YIQ	194.8060, 45.7190, -41.1370

Conversions

Conversions Part 2

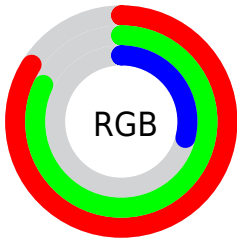
Format	Color
RYB	78, 213, 74
Decimal	14012746
CIELab	82.00, -14.72, 64.72
CIELCh	82, 66.376, 102.811
Yxy	60.2982, 0.4050, 0.4739
Android (android.graphics.Color)	4292202826 (0xFFD5D14A)
YUV	194.8060, -59.5574, 15.9561
Hunter-Lab	77.6519, -17.4440, 42.5850

Details

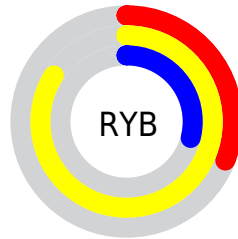
The CIELCh color **82, 66.376, 102.811** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **41, 80.638, 299.857**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 61.770, 105.450**, and **62, 66.391, 102.896** is the 20% darker color. If you saturate the color by 10%, you get **82, 73.678, 102.101**, and if you desaturate by 10%, it is **82, 57.659, 103.643**.

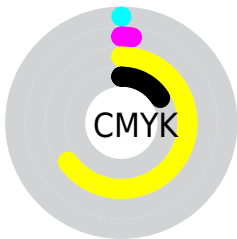
Distribution



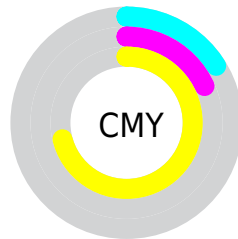
- Red (84%)
- Green (82%)
- Blue (29%)



- Red (31%)
- Yellow (84%)
- Blue (29%)



- Cyan (0%)
- Magenta (2%)
- Yellow (65%)
- Black (16%)





- Cyan (16%)
- Magenta (18%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 66.376, 102.811 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, 66.376, 102.811 by changing the saturation by 10% instead.


 82, 66.376,
102.811


 82, 66.376,
102.811


 100, 66.376,
102.811


 72, 66.376,
102.811

 62, 66.376,
102.811

 52, 66.376,
102.811

 42, 66.376,
102.811

 32, 66.376,
102.811

 22, 66.376,
102.811

 12, 66.376,

102.811

■ 2, 66.376, 102.811

■ 0, 66.376, 102.811

■ 82, 66.376,
102.811

■ 82, 66.376,
102.811

■ 82, 73.678,
102.101

■ 82, 57.659,
103.643

■ 81, 79.011,
101.539

■ 83, 48.014,
104.554

■ 81, 81.984,
101.144

■ 83, 37.795,
105.518

■ 81, 82.835,
100.994

■ 84, 27.239,
106.508

■ 84, 16.499,

107.505

■ 85, 5.669, 108.486

■ 86, 5.190, 289.487

■ 86, 16.039,
290.419

■ 87, 21.171,
290.563

Harmonies

Complementary

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



82, 66.376, 102.811



41, 80.638, 299.857

Rectangle

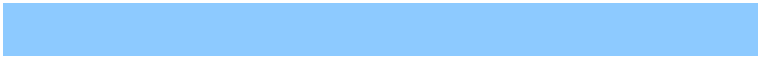
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 66.376, 102.811



82, 66.376, 152.811



82, 66.376, 282.811



82, 66.376, 332.811

Sweetspot

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



82, 66.376, 102.813



99, 25.030, 107.009



51, 61.330, 26.727



52, 17.058, 106.726



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, 66.376, 102.813



96, 86.837, 101.882



79, 73.290, 125.140



45, 6.179, 108.079



66, 70.284, 101.023



16, 24.300, 102.966

Inverse Universe

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



41, 80.638, 299.857



40, 112.405, 302.928



46, 81.712, 311.361



41, 6.309, 290.007



20, 97.759, 305.907



2, 27.022, 293.408

Previews

White Background



This preview shows how the CIELCh color 82, 66.376, 102.811 looks on a white background.

Color Contrast Check

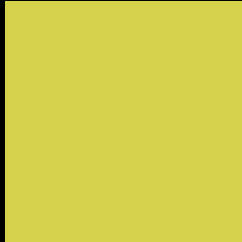
Large Text (above 18pt) WCAG AA × Fail

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, 66.376, 102.811 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, 66.376, 102.811

Background



This preview shows how black text looks on a background with the CIELCh color 82, 66.376, 102.811.



This preview shows how white text looks on a background with the CIELCh color 82, 66.376, 102.811.

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, 66.376, 102.811

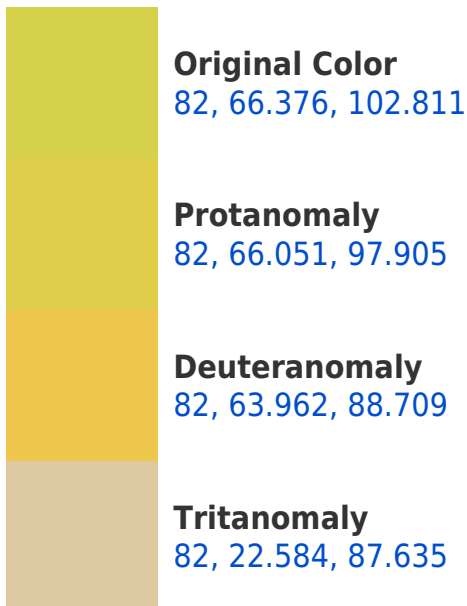
Protanopia
82, 65.751, 95.206

Deuteranopia
82, 64.692, 80.737

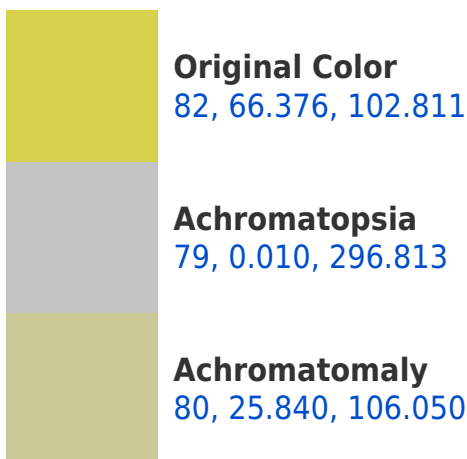


Tritanopia
82, 13.274, 343.782

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 66.376, 102.811 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(213, 209, 74)` looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 74)  
}
```

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(213, 209, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 66.376, 102.811 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(213, 209, 74) }
```

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

```
.border{ border-color:rgb(213, 209, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 74);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 66.376, 102.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 74) }
```

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

```
.background{ background-color: rgb(213,  
209, 74) }
```

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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