

Converting Colors

CIELCh(83, 40.921, 105.220)

Have a look what the booklet for
CIELCh(83, 40.921, 105.220)
contains.

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Color

CIELCh(83, 41.330, 105.398)

Conversions

Conversions Part 1

Format	Color
Hex	D5D383
RGB	213, 211, 131
RGB Percent	84%, 83%, 51%
CMY	0.1660, 0.1737, 0.4874
CMYK	0.00, 0.01, 0.39, 0.17
HSL	59°, 49%, 67%
HSV	59°, 39%, 83%
XYZ	54.6419, 62.1629, 30.4876
YIQ	202.4780, 26.8720, -24.4560

Conversions

Conversions Part 2

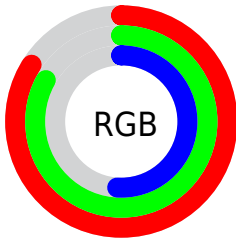
Format	Color
RYB	133, 213, 131
Decimal	14013315
CIELab	83.00, -10.97, 39.85
CIELCh	83, 41.330, 105.398
Yxy	62.1629, 0.3710, 0.4220
Android (android.graphics.Color)	4292203395 (0xFFD5D383)
YUV	202.4780, -35.2387, 9.2278
Hunter-Lab	78.8435, -14.2681, 32.2639

Details

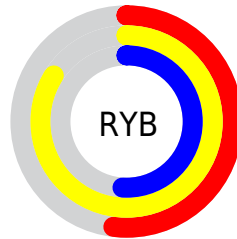
The CIELCh color **83, 41.330, 105.398** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **58, 45.418, 294.390**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 35.183, 107.497**, and **63, 41.463, 105.618** is the 20% darker color. If you saturate the color by 10%, you get **83, 51.408, 104.459**, and if you desaturate by 10%, it is **83, 30.845, 106.379**.

Distribution



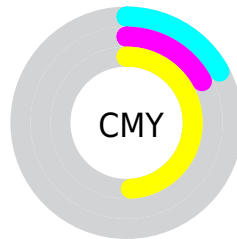
- Red (84%)
- Green (83%)
- Blue (51%)



- Red (52%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (39%)
- Black (17%)





- Cyan (17%)
- Magenta (17%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 41.330, 105.398 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 83, 41.330, 105.398 by changing the saturation by 10% instead.


 83, 41.330,
105.398


 83, 41.330,
105.398


 100, 41.330,
105.398


 73, 41.330,
105.398

 63, 41.330,
105.398

 53, 41.330,
105.398

 43, 41.330,
105.398

 33, 41.330,
105.398

 23, 41.330,
105.398

 13, 41.330,

105.398

■ 3, 41.330, 105.398

■ 0, 41.330, 105.398

■ 83, 41.330,
105.398

■ 83, 41.330,
105.398

■ 83, 51.408,
104.459

■ 83, 30.845,
106.379

■ 82, 60.803,
103.581

■ 84, 20.127,
107.371

■ 82, 69.115,
102.798

■ 85, 9.288, 108.357

■ 82, 75.826,
102.148

■ 85, 1.599, 289.389

■ 86, 12.489,
290.296

■ 81, 80.407,

101.661

87, 21.616,
290.994

81, 82.727,
101.336

87, 21.337,
290.497

81, 82.992,
101.294

87, 21.060,
289.988

87, 20.785,
289.466

Harmonies

Complementary

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



83, 41.330, 105.398



58, 45.418, 294.390

Rectangle

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



83, 41.330, 105.398



83, 41.330, 155.398



83, 41.330, 285.398



83, 41.330, 335.398

Sweetspot

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



83, 41.331, 105.401



99, 15.114, 108.005



63, 34.052, 20.604



53, 10.023, 107.875



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 41.331, 105.401



97, 56.618, 104.650



81, 45.110, 126.055



45, 6.207, 108.270



67, 70.515, 101.318



16, 24.412, 103.214

Inverse Universe

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



58, 45.418, 294.390



63, 63.867, 295.897



61, 47.892, 309.919



41, 6.339, 290.192



20, 97.971, 305.966



2, 27.109, 293.510

Previews

White Background



This preview shows how the CIELCh color 83, 41.330, 105.398 looks on a white background.

Color Contrast Check

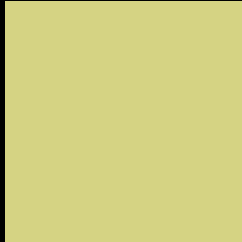
Large Text (above 18pt) WCAG AA × Fail

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 83, 41.330, 105.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

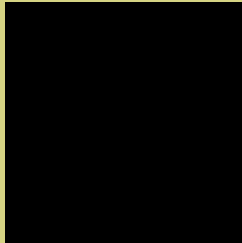
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 41.330, 105.398

Background



This preview shows how black text looks on a background with the CIELCh color 83, 41.330, 105.398.

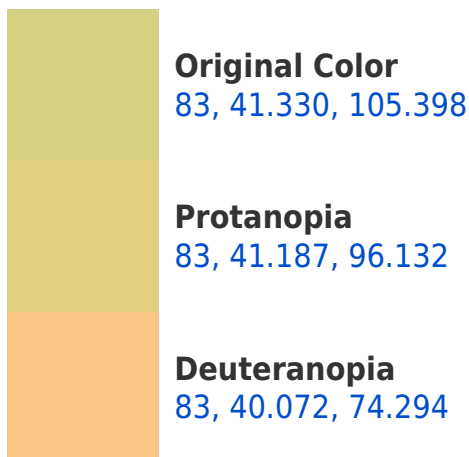


This preview shows how white text looks on a background with the CIELCh color 83, 41.330, 105.398.

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](#).

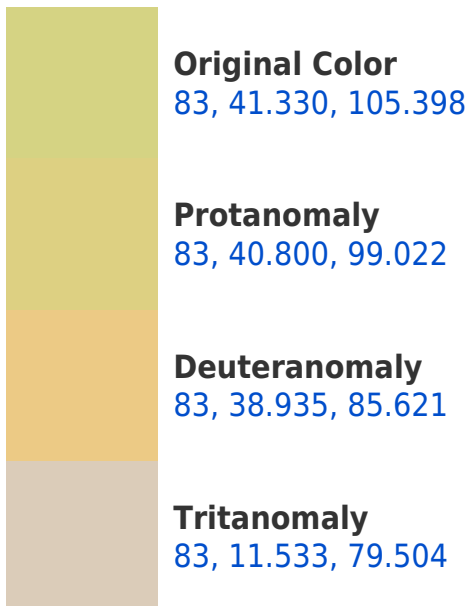
Dichromacy



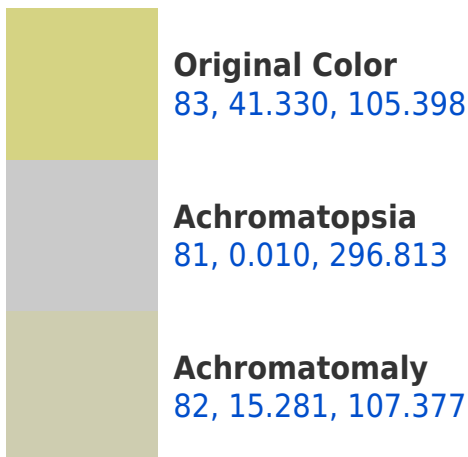


Tritanopia
83, 11.662, 333.837

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 41.330, 105.398 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, 211, 131)` looks like.

```
.text, #text, p{  
    color:rgb(213, 211, 131)  
}
```

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, 211, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 211, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 41.330, 105.398 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, 211, 131) }
```

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

```
.border{ border-color:rgb(213, 211, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 211, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 211, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 211, 131);  
box-shadow:4px 4px 4px 4px rgb(213, 211,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 41.330, 105.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 211, 131) }
```

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

```
.background{ background-color: rgb(213,  
211, 131) }
```

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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