

Converting Colors

CIELCh(83, 50.991, 104.273)

Have a look what the booklet for
CIELCh(83, 50.991, 104.273)
contains.

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Color

CIELCh(83, 51.043, 104.265)

Conversions

Conversions Part 1

Format	Color
Hex	D6D36F
RGB	214, 211, 111
RGB Percent	84%, 83%, 44%
CMY	0.1600, 0.1718, 0.5640
CMYK	0.00, 0.01, 0.48, 0.16
HSL	58°, 56%, 64%
HSV	58°, 48%, 84%
XYZ	54.0121, 62.1629, 24.2437
YIQ	200.4970, 33.8880, -30.4640

Conversions

Conversions Part 2

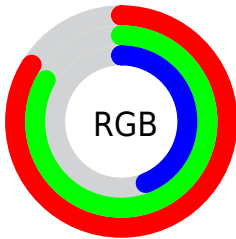
Format	Color
RYB	114, 214, 111
Decimal	14078831
CIELab	83.00, -12.58, 49.47
CIElCh	83, 51.043, 104.265
Yxy	62.1629, 0.3847, 0.4427
Android (android.graphics.Color)	4292268911 (0xFFD6D36F)
YUV	200.4970, -44.1220, 11.8421
Hunter-Lab	78.8435, -15.6938, 36.9593

Details

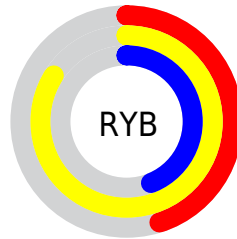
The CIELCh color **83, 51.043, 104.265** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **52, 57.846, 296.046**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 44.955, 106.742**, and **63, 51.308, 104.545** is the 20% darker color. If you saturate the color by 10%, you get **83, 60.503, 103.375**, and if you desaturate by 10%, it is **83, 40.921, 105.220**.

Distribution



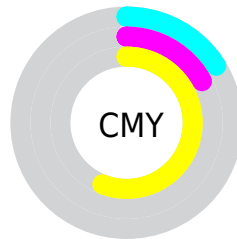
- Red (84%)
- Green (83%)
- Blue (44%)



- Red (45%)
- Yellow (84%)
- Blue (44%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (16%)





- Cyan (16%)
- Magenta (17%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 51.043, 104.265 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, 51.043, 104.265 by changing the saturation by 10% instead.


 83, 51.043,
104.265


 83, 51.043,
104.265


 100, 51.043,
104.265


 73, 51.043,
104.265

 63, 51.043,
104.265

 53, 51.043,
104.265

 43, 51.043,
104.265

 33, 51.043,
104.265

 23, 51.043,
104.265

 13, 51.043,

104.265

■ 3, 51.043, 104.265

■ 0, 51.043, 104.265

■ 83, 51.043,
104.265

■ 83, 51.043,
104.265

■ 83, 60.503,
103.375

■ 83, 40.921,
105.220

■ 82, 68.901,
102.575

■ 84, 30.403,
106.206

■ 82, 75.718,
101.902

■ 85, 19.662,
107.203

■ 82, 80.413,
101.386

■ 85, 8.808, 108.193

■ 82, 82.794,

■ 86, 2.089, 289.219

101.029

■ 87, 12.986,
290.139

■ 82, 83.135,
100.969

■ 87, 20.652,
290.618

■ 87, 20.317,
289.982

■ 88, 19.984,
289.325

Harmonies

Complementary

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



83, 51.043, 104.265



52, 57.846, 296.046

Rectangle

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



83, 51.043, 104.265



83, 51.043, 154.265



83, 51.043, 284.265



83, 51.043, 334.265

Sweetspot

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



83, 51.044, 104.268



99, 17.542, 107.596



59, 43.929, 22.348



53, 12.105, 107.380



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, 51.044, 104.268



96, 69.505, 103.334



80, 56.077, 125.630



45, 6.177, 108.063



66, 70.265, 100.999



16, 24.291, 102.945

Inverse Universe

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



52, 57.846, 296.046



54, 82.030, 298.316



56, 60.570, 310.479



41, 6.307, 289.992



20, 97.742, 305.902



2, 27.015, 293.400

Previews

White Background



This preview shows how the CIELCh color 83, 51.043, 104.265 looks on a white background.

Color Contrast Check

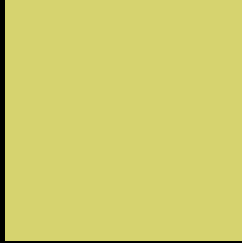
Large Text (above 18pt) WCAG AA × Fail

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, 51.043, 104.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

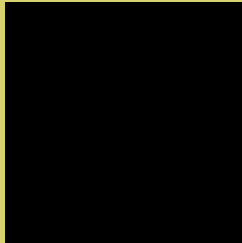
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 51.043, 104.265

Background



This preview shows how black text looks on a background with the CIELCh color 83, 51.043, 104.265.

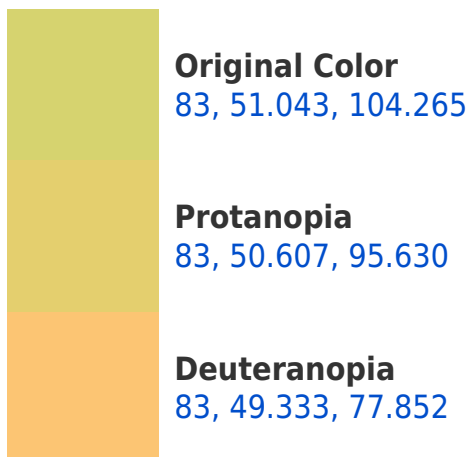


This preview shows how white text looks on a background with the CIELCh color 83, 51.043, 104.265.

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, 12.714, 338.760

Trichromacy



Original Color
83, 51.043, 104.265

Protanomaly
83, 51.001, 99.044

Deuteranomaly
83, 48.295, 87.606

Tritanomaly
83, 15.396, 81.995

Monochromacy



Original Color
83, 51.043, 104.265

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 19.472, 107.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 51.043, 104.265 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, 211, 111)` looks like.

```
.text, #text, p{  
    color:rgb(214, 211, 111)  
}
```

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, 211, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 211, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 51.043, 104.265 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, 211, 111) }
```

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

```
.border{ border-color:rgb(214, 211, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 211, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 211, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 211, 111);  
box-shadow:4px 4px 4px 4px rgb(214, 211,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 51.043, 104.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 211, 111) }
```

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

```
.background{ background-color: rgb(214,  
211, 111) }
```

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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