

Converting Colors

CIELCh(83, 52.464, 103.074)

Have a look what the booklet for
CIELCh(83, 52.464, 103.074)
contains.

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Color

CIELCh(83, 52.485, 103.259)

Conversions

Conversions Part 1

Format	Color
Hex	D8D36C
RGB	216, 211, 108
RGB Percent	85%, 83%, 42%
CMY	0.1536, 0.1731, 0.5770
CMYK	0.00, 0.02, 0.50, 0.15
HSL	57°, 58%, 63%
HSV	57°, 50%, 85%
XYZ	54.2236, 62.1629, 23.2865
YIQ	200.7530, 36.0430, -30.9730

Conversions

Conversions Part 2

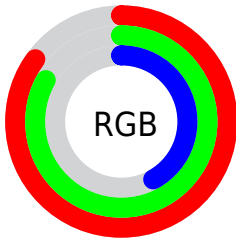
Format	Color
RYB	113, 216, 108
Decimal	14209900
CIELab	83.00, -12.04, 51.09
CIElCh	83, 52.485, 103.259
Yxy	62.1629, 0.3882, 0.4451
Android (android.graphics.Color)	4292399980 (0xFFD8D36C)
YUV	200.7530, -45.7272, 13.3716
Hunter-Lab	78.8435, -15.2150, 37.6791

Details

The CIELCh color **83, 52.485, 103.259** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **52, 59.634, 295.811**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 46.400, 106.631**, and **63, 52.608, 103.423** is the 20% darker color. If you saturate the color by 10%, you get **83, 61.743, 102.348**, and if you desaturate by 10%, it is **84, 42.523, 104.234**.

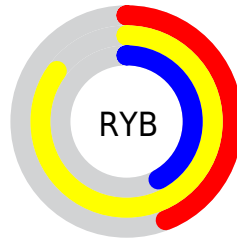
Distribution



Red (85%)

Green (83%)

Blue (42%)



Red (44%)

Yellow (85%)

Blue (42%)

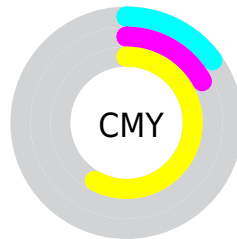


Cyan (0%)

Magenta (2%)

Yellow (50%)

Black (15%)



Cyan (15%)


Magenta (17%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 52.485, 103.259 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, 52.485, 103.259 by changing the saturation by 10% instead.


 83, 52.485,
103.259


 83, 52.485,
103.259


 100, 52.485,
103.259


 73, 52.485,
103.259

 63, 52.485,
103.259

 53, 52.485,
103.259

 43, 52.485,
103.259

 33, 52.485,
103.259

 23, 52.485,
103.259

 13, 52.485,

103.259

■ 3, 52.485, 103.259

■ 0, 52.485, 103.259

■ 83, 52.485,
103.259

■ 83, 52.485,
103.259

■ 83, 61.743,
102.348

■ 84, 42.523,
104.234

■ 82, 69.868,
101.521

■ 84, 32.141,
105.238

■ 82, 76.315,
100.814

■ 85, 21.527,
106.254

■ 81, 80.540,
100.250

■ 86, 10.796,
107.263

■ 81, 82.581, 99.815

■ 86, 0.021, 104.182

■ 87, 10.751,
289.246

■ 88, 19.438,
289.815

■ 88, 18.911,
288.705

■ 88, 18.391,
287.535

Harmonies

Complementary

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



83, 52.485, 103.259



52, 59.634, 295.811

Rectangle

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



83, 52.485, 103.259



83, 52.485, 153.259



83, 52.485, 283.259



83, 52.485, 333.259

Sweetspot

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



83, 52.486, 103.262



99, 18.477, 106.749



58, 45.994, 21.543



53, 12.601, 106.534



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, 52.486, 103.262



96, 70.558, 102.301



81, 58.289, 124.935



45, 6.072, 107.324



66, 69.413, 99.865



16, 23.870, 101.988

Inverse Universe

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



52, 59.634, 295.811



53, 83.557, 298.172



55, 63.391, 310.083



41, 6.195, 289.280



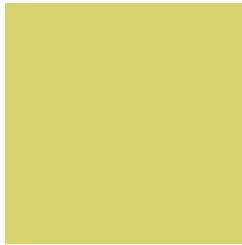
20, 96.954, 305.678



2, 26.689, 293.012

Previews

White Background



This preview shows how the CIELCh color 83, 52.485, 103.259 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 83, 52.485, 103.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

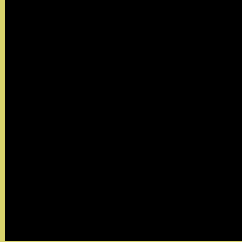
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 52.485, 103.259

Background



This preview shows how black text looks on a background with the CIELCh color 83, 52.485, 103.259.



This preview shows how white text looks on a background with the CIELCh color 83, 52.485, 103.259.

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
83, 52.485, 103.259

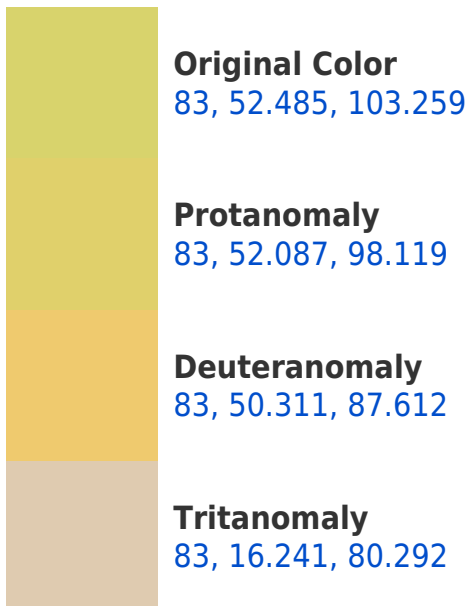
Protanopia
83, 52.478, 95.791

Deuteranopia
83, 51.346, 78.228

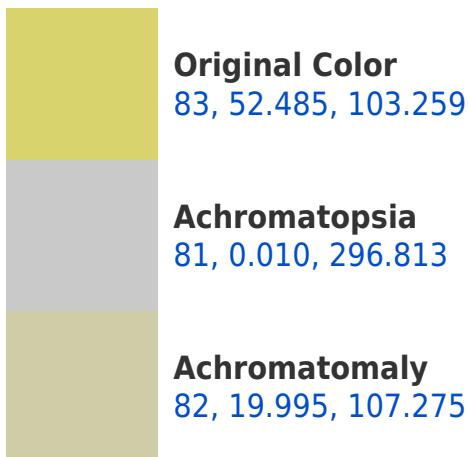


Tritanopia
83, 13.267, 340.938

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 52.485, 103.259 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(216, 211, 108)` looks like.

```
.text, #text, p{  
    color:rgb(216, 211, 108)  
}
```

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(216, 211, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 52.485, 103.259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

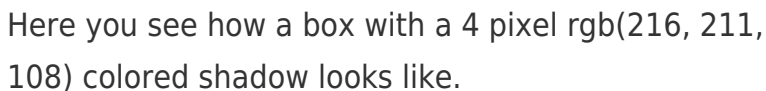
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 211, 108) }
```

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

```
.border{ border-color:rgb(216, 211, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 211, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 211, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 211, 108); box-shadow:4px 4px 4px 4px rgb(216, 211, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 52.485, 103.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 108) }
```

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

```
.background{ background-color: rgb(216,  
211, 108) }
```

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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