

Converting Colors

CIELCh(83, 60.504, 103.379)

Have a look what the booklet for
CIELCh(83, 60.504, 103.379)
contains.

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Color

CIELCh(83, 60.552, 103.653)

Conversions

Conversions Part 1

Format	Color
Hex	D7D45B
RGB	215, 212, 91
RGB Percent	84%, 83%, 36%
CMY	0.1576, 0.1693, 0.6438
CMYK	0.00, 0.01, 0.58, 0.16
HSL	59°, 61%, 60%
HSV	59°, 58%, 84%
XYZ	53.3437, 62.1629, 19.0442
YIQ	199.1030, 40.6290, -36.9950

Conversions

Conversions Part 2

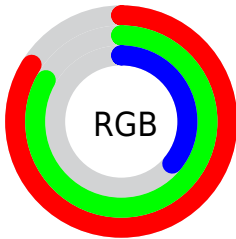
Format	Color
R_{YB}	94, 215, 91
Decimal	14144603
CIE _{Lab}	83.00, -14.29, 58.84
CIE _{LCh}	83, 60.552, 103.653
Yxy	62.1629, 0.3965, 0.4620
Android (android.graphics.Color)	4292334683 (0xFFD7D45B)
YUV	199.1030, -53.2948, 13.9417
Hunter-Lab	78.8435, -17.2070, 40.8693

Details

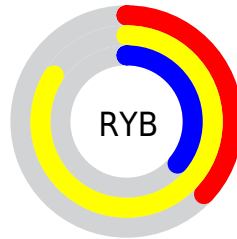
The CIELCh color **83, 60.552, 103.653** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **46, 71.315, 298.304**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 54.455, 106.010**, and **63, 60.783, 103.999** is the 20% darker color. If you saturate the color by 10%, you get **83, 69.037, 102.864**, and if you desaturate by 10%, it is **83, 51.014, 104.541**.

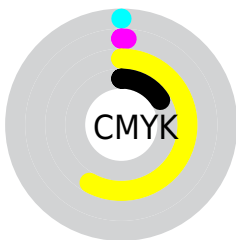
Distribution



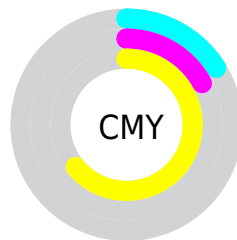
- Red (84%)
- Green (83%)
- Blue (36%)



- Red (37%)
- Yellow (84%)
- Blue (36%)



- Cyan (0%)
- Magenta (1%)
- Yellow (58%)
- Black (16%)





- Cyan (16%)
- Magenta (17%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 60.552, 103.653 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, 60.552, 103.653 by changing the saturation by 10% instead.


 83, 60.552,
103.653


 83, 60.552,
103.653


 100, 60.552,
103.653


 73, 60.552,
103.653

 63, 60.552,
103.653

 53, 60.552,
103.653

 43, 60.552,
103.653

 33, 60.552,
103.653

 23, 60.552,
103.653

 13, 60.552,

103.653

■ 3, 60.552, 103.653

■ 0, 60.552, 103.653

■ 83, 60.552,
103.653

■ 83, 60.552,
103.653

■ 83, 69.037,
102.864

■ 83, 51.014,
104.541

■ 82, 75.948,
102.203

■ 84, 40.813,
105.487

■ 82, 80.748,
101.703

■ 84, 30.216,
106.466

■ 82, 83.211,
101.370

■ 85, 19.395,
107.459

■ 82, 83.622,

■ 85, 8.461, 108.444

101.305

■ 86, 2.518, 289.458

■ 87, 13.497,
290.381

■ 87, 20.443,
290.786

■ 87, 20.166,
290.258

Harmonies

Complementary

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



83, 60.552, 103.653



46, 71.315, 298.304

Rectangle

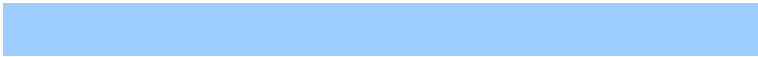
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 60.552, 103.653



83, 60.552, 153.653



83, 60.552, 283.653



83, 60.552, 333.653

Sweetspot

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



83, 60.553, 103.656



99, 21.393, 107.514



55, 53.996, 24.589



53, 14.300, 107.312



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, 60.553, 103.656



96, 80.279, 102.723



80, 66.417, 125.292



45, 6.208, 108.278



67, 70.524, 101.329



16, 24.417, 103.223

Inverse Universe

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



46, 71.315, 298.304



46, 99.682, 301.046



50, 73.033, 311.009



41, 6.340, 290.200



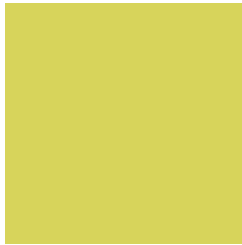
20, 97.979, 305.969



2, 27.113, 293.513

Previews

White Background



This preview shows how the CIELCh color 83, 60.552, 103.653 looks on a white background.

Color Contrast Check

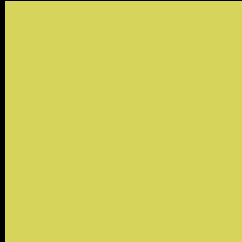
Large Text (above 18pt) WCAG AA × Fail

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, 60.552, 103.653 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, 60.552, 103.653

Background



This preview shows how black text looks on a background with the CIELCh color 83, 60.552, 103.653.



This preview shows how white text looks on a background with the CIELCh color 83, 60.552, 103.653.

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](#).

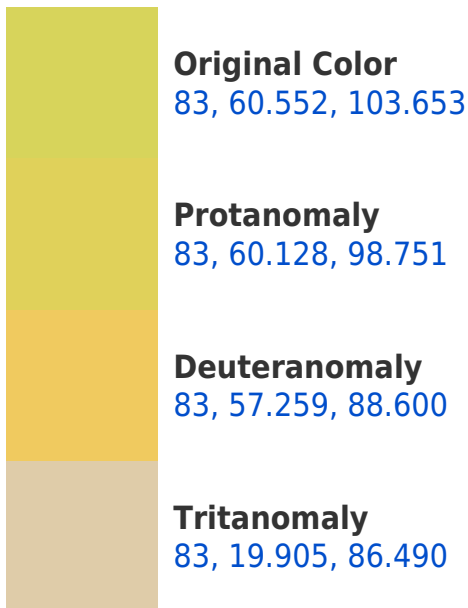
Dichromacy





Tritanopia
83, 12.947, 342.756

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 60.552, 103.653 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(215, 212, 91)` looks like.

```
.text, #text, p{  
    color:rgb(215, 212, 91)  
}
```

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(215, 212, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 212, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 60.552, 103.653 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(215, 212, 91) }
```

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

```
.border{ border-color:rgb(215, 212, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 212, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 212, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 212, 91);  
box-shadow:4px 4px 4px 4px rgb(215, 212,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 60.552, 103.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 212, 91) }
```

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

```
.background{ background-color: rgb(215,  
212, 91) }
```

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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