

Converting Colors

CIELCh(83, 60.150, 103.256)

Have a look what the booklet for
CIELCh(83, 60.150, 103.256)
contains.

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Color

CIELCh(83, 60.131, 103.278)

Conversions

Conversions Part 1

Format	Color
Hex	D8D45C
RGB	216, 212, 92
RGB Percent	85%, 83%, 36%
CMY	0.1547, 0.1703, 0.6408
CMYK	0.00, 0.02, 0.58, 0.15
HSL	58°, 61%, 60%
HSV	58°, 58%, 85%
XYZ	53.5310, 62.1629, 19.2068
YIQ	199.5160, 40.9040, -36.4720

Conversions

Conversions Part 2

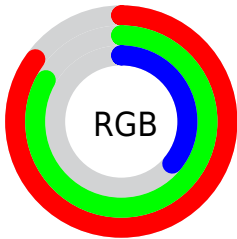
Format	Color
RYB	96, 216, 92
Decimal	14210140
CIELab	83.00, -13.81, 58.52
CIELCh	83, 60.131, 103.278
Yxy	62.1629, 0.3968, 0.4608
Android (android.graphics.Color)	4292400220 (0xFFD8D45C)
YUV	199.5160, -53.0054, 14.4565
Hunter-Lab	78.8435, -16.7830, 40.7470

Details

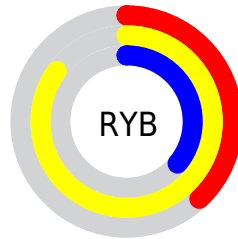
The CIELCh color **83, 60.131, 103.278** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **46, 70.603, 297.977**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 53.989, 106.046**, and **63, 60.147, 103.635** is the 20% darker color. If you saturate the color by 10%, you get **83, 68.634, 102.466**, and if you desaturate by 10%, it is **83, 50.595, 104.183**.

Distribution



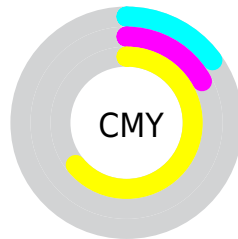
- Red (85%)
- Green (83%)
- Blue (36%)



- Red (38%)
- Yellow (85%)
- Blue (36%)



- Cyan (0%)
- Magenta (2%)
- Yellow (58%)
- Black (15%)





- Cyan (15%)
- Magenta (17%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 60.131, 103.278 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, 60.131, 103.278 by changing the saturation by 10% instead.


 83, 60.131,
103.278


 83, 60.131,
103.278


 100, 60.131,
103.278


 73, 60.131,
103.278

 63, 60.131,
103.278

 53, 60.131,
103.278

 43, 60.131,
103.278

 33, 60.131,
103.278

 23, 60.131,
103.278

 13, 60.131,

103.278

■ 3, 60.131, 103.278

■ 0, 60.131, 103.278

■ 83, 60.131,
103.278

■ 83, 60.131,
103.278

■ 83, 68.634,
102.466

■ 83, 50.595,
104.183

■ 82, 75.582,
101.775

■ 84, 40.413,
105.143

■ 82, 80.426,
101.237

■ 84, 29.849,
106.134

■ 82, 82.906,
100.857

■ 85, 19.073,
107.135

■ 82, 83.347,

■ 86, 8.190, 108.126

100.775

■ 86, 2.732, 289.146

■ 87, 13.649,
290.075

■ 88, 19.830,
290.310

■ 88, 19.461,
289.572

Harmonies

Complementary

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



83, 60.131, 103.278



46, 70.603, 297.977

Rectangle

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



83, 60.131, 103.278



83, 60.131, 153.278



83, 60.131, 283.278



83, 60.131, 333.278

Sweetspot

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



83, 60.132, 103.281



99, 21.226, 107.169



55, 53.932, 24.538



53, 14.190, 106.966



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, 60.132, 103.281



96, 79.787, 102.306



80, 66.388, 125.298



45, 6.159, 107.939



66, 70.118, 100.809



16, 24.219, 102.785

Inverse Universe

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



46, 70.603, 297.977



46, 98.854, 300.794



51, 72.974, 310.999



41, 6.288, 289.873



20, 97.607, 305.863



2, 26.960, 293.334

Previews

White Background



This preview shows how the CIELCh color 83, 60.131, 103.278 looks on a white background.

Color Contrast Check

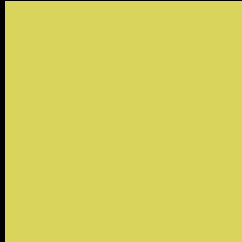
Large Text (above 18pt) WCAG AA × Fail

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, 60.131, 103.278 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, 60.131, 103.278

Background



This preview shows how black text looks on a background with the CIELCh color 83, 60.131, 103.278.



This preview shows how white text looks on a background with the CIELCh color 83, 60.131, 103.278.

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, 60.131, 103.278

Protanopia
83, 59.842, 95.415

Deuteranopia
83, 57.926, 79.747



Tritanopia
83, 12.947, 342.756

Trichromacy



Original Color
83, 60.131, 103.278

Protanomaly
83, 59.749, 98.340

Deuteranomaly
83, 57.401, 88.190

Tritanomaly
83, 19.905, 86.490

Monochromacy



Original Color
83, 60.131, 103.278

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 23.144, 107.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 60.131, 103.278 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, 212, 92)` looks like.

```
.text, #text, p{  
    color:rgb(216, 212, 92)  
}
```

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, 212, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 212, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 60.131, 103.278 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, 212, 92) }
```

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

```
.border{ border-color:rgb(216, 212, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 212, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 212, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 212, 92);  
box-shadow:4px 4px 4px 4px rgb(216, 212,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 60.131, 103.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 212, 92) }
```

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

```
.background{ background-color: rgb(216,  
212, 92) }
```

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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