

Converting Colors

CIELCh(84, 46.732, 103.877)

Have a look what the booklet for
CIELCh(84, 46.732, 103.877)
contains.

CIELCh(84, 46.711, 103.550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 46.711, 103.550)

Conversions

Conversions Part 1

Format	Color
Hex	DAD57A
RGB	218, 213, 122
RGB Percent	85%, 84%, 48%
CMY	0.1441, 0.1637, 0.5207
CMYK	0.00, 0.02, 0.44, 0.14
HSL	57°, 57%, 67%
HSV	57°, 44%, 86%
XYZ	56.3711, 64.0658, 27.8812
YIQ	204.1210, 32.1910, -27.2410

Conversions

Conversions Part 2

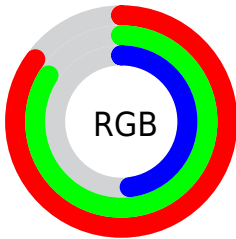
Format	Color
RYB	127, 218, 122
Decimal	14341498
CIELab	84.00, -10.94, 45.41
CIELCh	84, 46.711, 103.550
Yxy	64.0658, 0.3801, 0.4319
Android (android.graphics.Color)	4292531578 (0xFFDAD57A)
YUV	204.1210, -40.4857, 12.1719
Hunter-Lab	80.0411, -14.3584, 35.3759

Details

The CIELCh color **84, 46.711, 103.550** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 51.916, 294.348**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **64, 46.748, 103.996** is the 20% darker color. If you saturate the color by 10%, you get **83, 56.487, 102.589**, and if you desaturate by 10%, it is **85, 36.423, 104.557**.

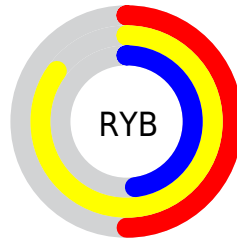
Distribution



Red (85%)

Green (84%)

Blue (48%)



Red (50%)

Yellow (85%)

Blue (48%)

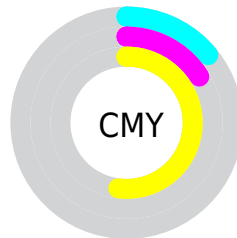


Cyan (0%)

Magenta (2%)

Yellow (44%)

Black (14%)



Cyan (14%)


Magenta (16%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 46.711, 103.550 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 84, 46.711, 103.550 by changing the saturation by 10% instead.

 84, 46.711,
103.550


 84, 46.711,
103.550


 100, 46.711,
103.550


 74, 46.711,
103.550

 64, 46.711,
103.550

 54, 46.711,
103.550

 44, 46.711,
103.550

 34, 46.711,
103.550

 24, 46.711,
103.550

 14, 46.711,

103.550

■ 4, 46.711, 103.550

■ 0, 46.711, 103.550

■ 84, 46.711,
103.550

■ 84, 46.711,
103.550

■ 83, 56.487,
102.589

■ 85, 36.423,
104.557

■ 83, 65.404,
101.691

■ 85, 25.841,
105.578

■ 83, 72.980,
100.890

■ 86, 15.108,
106.599

■ 82, 78.632,
100.214

■ 87, 4.310, 107.594

■ 88, 6.499, 288.616

■ 82, 81.888, 99.676

■ 82, 82.921, 99.402

■ 89, 17.283,
289.562

■ 89, 17.631,
288.394

■ 89, 17.043,
286.947

■ 89, 16.467,
285.400

Harmonies

Complementary

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



84, 46.711, 103.550



57, 51.916, 294.348

Rectangle

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



84, 46.711, 103.550



84, 46.711, 153.550



84, 46.711, 283.550



84, 46.711, 333.550

Sweetspot

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



84, 46.712, 103.553



99, 15.923, 106.688



62, 40.081, 19.077



53, 11.139, 106.462



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 46.712, 103.553



96, 62.966, 102.639



82, 51.892, 124.562



46, 6.153, 107.059



66, 69.883, 99.458



17, 25.177, 101.309

Inverse Universe

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



57, 51.916, 294.348



58, 72.344, 296.338



59, 55.934, 309.196



42, 6.277, 289.030



21, 97.792, 305.612



2, 28.528, 293.801

Previews

White Background



This preview shows how the CIELCh color 84, 46.711, 103.550 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 84, 46.711, 103.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

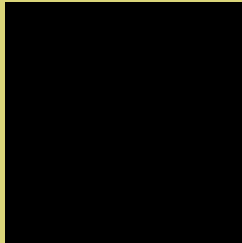
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 46.711, 103.550

Background



This preview shows how black text looks on a background with the CIELCh color 84, 46.711, 103.550.

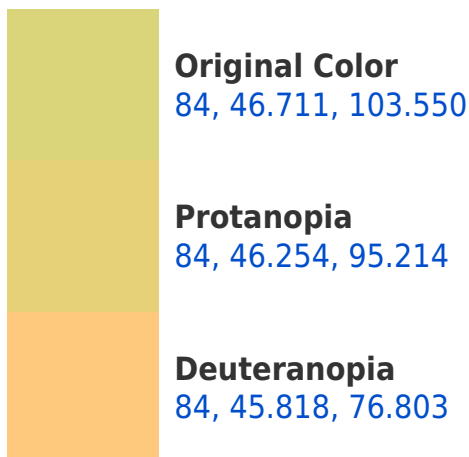


This preview shows how white text looks on a background with the CIELCh color 84, 46.711, 103.550.

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

84, 12.954, 339.859

Trichromacy



Original Color
84, 46.711, 103.550

Protanomaly
84, 46.703, 98.410

Deuteranomaly
84, 44.881, 86.734

Tritanomaly
84, 14.143, 77.989

Monochromacy



Original Color
84, 46.711, 103.550

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 17.358, 106.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 46.711, 103.550 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(218, 213, 122)` looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 122)  
}
```

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(218, 213, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 46.711, 103.550 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(218, 213, 122) }
```

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

```
.border{ border-color:rgb(218, 213, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 213, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 122);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 46.711, 103.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 122) }
```

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

```
.background{ background-color: rgb(218,  
213, 122) }
```

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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