

Converting Colors

CIELCh(85, 50.350, 105.721)

Have a look what the booklet for
CIELCh(85, 50.350, 105.721)
contains.

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Color

CIELCh(85, 50.380, 105.352)

Conversions

Conversions Part 1

Format	Color
Hex	DAD976
RGB	218, 217, 118
RGB Percent	85%, 85%, 46%
CMY	0.1441, 0.1481, 0.5364
CMYK	0.00, 0.00, 0.46, 0.14
HSL	59°, 58%, 66%
HSV	59°, 46%, 86%
XYZ	57.1461, 66.0070, 26.9388
YIQ	206.0130, 32.3750, -30.5770

Conversions

Conversions Part 2

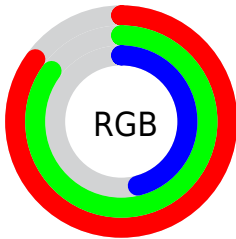
Format	Color
RYB	119, 218, 118
Decimal	14342518
CIELab	85.00, -13.34, 48.58
CIElCh	85, 50.380, 105.352
Yxy	66.0070, 0.3807, 0.4398
Android (android.graphics.Color)	4292532598 (0xFFDAD976)
YUV	206.0130, -43.3904, 10.5126
Hunter-Lab	81.2447, -16.6244, 37.2121

Details

The CIELCh color **85, 50.380, 105.352** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **54, 56.902, 296.304**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 41.560, 107.005**, and **65, 50.359, 105.279** is the 20% darker color. If you saturate the color by 10%, you get **85, 60.279, 104.482**, and if you desaturate by 10%, it is **85, 39.848, 106.289**.

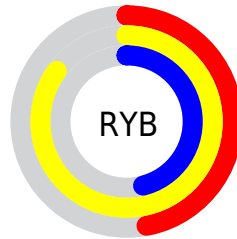
Distribution



Red (85%)

Green (85%)

Blue (46%)



Red (47%)

Yellow (85%)

Blue (46%)

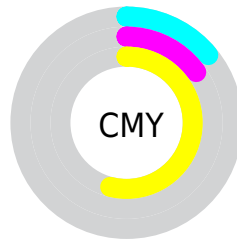


Cyan (0%)

Magenta (0%)

Yellow (46%)

Black (14%)



Cyan (14%)


Magenta (15%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 50.380, 105.352 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 85, 50.380, 105.352 by changing the saturation by 10% instead.


 85, 50.380,
105.352


 85, 50.380,
105.352


 100, 50.380,
105.352


 75, 50.380,
105.352

 65, 50.380,
105.352

 55, 50.380,
105.352

 45, 50.380,
105.352

 35, 50.380,
105.352


 25, 50.380,
105.352


 15, 50.380,


105.352


 5, 50.380, 105.352


 0, 50.380, 105.352

 85, 50.380,
105.352


 85, 50.380,
105.352


 85, 60.279,
104.482

 85, 39.848,
106.289

 84, 69.165,
103.705

 86, 28.935,
107.256

 84, 76.536,
103.061

 86, 17.805,
108.236

 84, 81.848,
102.588

 87, 6.564, 109.206

 84, 84.756,

 87, 4.720, 290.193

102.302

■ 88, 16.004,
291.117

■ 84, 85.518,
102.217

■ 88, 18.924,
291.189

■ 88, 18.806,
290.952

■ 88, 18.688,
290.714

Harmonies

Complementary

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



85, 50.380, 105.352



54, 56.902, 296.304

Rectangle

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



85, 50.380, 105.352



85, 50.380, 155.352



85, 50.380, 285.352



85, 50.380, 335.352

Sweetspot

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



85, 50.381, 105.355



99, 17.876, 108.403



61, 42.441, 23.124



53, 12.334, 108.190



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 50.381, 105.355



97, 67.427, 104.511



82, 54.636, 126.330



46, 6.419, 108.859



68, 72.039, 102.227



18, 26.243, 103.640

Inverse Universe

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



54, 56.902, 296.304



55, 79.001, 298.311



58, 58.608, 310.871



42, 6.560, 290.765



20, 99.739, 306.157



2, 29.395, 294.708

Previews

White Background



This preview shows how the CIELCh color 85, 50.380, 105.352 looks on a white background.

Color Contrast Check

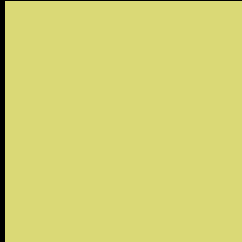
Large Text (above 18pt) WCAG AA × Fail

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 85, 50.380, 105.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

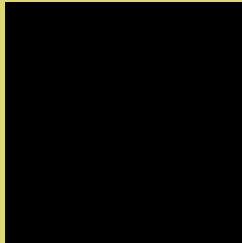
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 50.380, 105.352

Background



This preview shows how black text looks on a background with the CIELCh color 85, 50.380, 105.352.

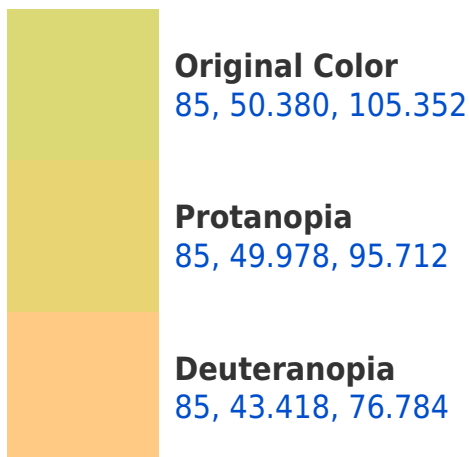


This preview shows how white text looks on a background with the CIELCh color 85, 50.380, 105.352.

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](#).

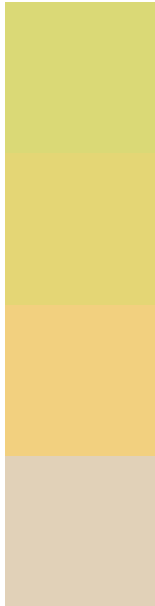
Dichromacy





Tritanopia
85, 12.483, 334.636

Trichromacy



Original Color
85, 50.380, 105.352

Protanomaly
85, 49.905, 99.129

Deuteranomaly
85, 44.466, 87.826

Tritanomaly
85, 14.484, 83.939

Monochromacy



Original Color
85, 50.380, 105.352

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 18.865, 108.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 50.380, 105.352 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, 217, 118)` looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 118)  
}
```

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, 217, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 50.380, 105.352 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, 217, 118) }
```

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

```
.border{ border-color:rgb(218, 217, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 217, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 217, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 217, 118);  
box-shadow:4px 4px 4px 4px rgb(218, 217,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 50.380, 105.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 118) }
```

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

```
.background{ background-color: rgb(218,  
217, 118) }
```

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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