

Converting Colors

CIELCh(84, 40.930, 85.077)

Have a look what the booklet for
CIELCh(84, 40.930, 85.077) contains.

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Color

CIELCh(84, 41.075, 85.375)

Conversions

Conversions Part 1

Format	Color
Hex	F1CD84
RGB	241, 205, 132
RGB Percent	95%, 80%, 52%
CMY	0.0547, 0.1958, 0.4821
CMYK	0.00, 0.15, 0.45, 0.05
HSL	40°, 80%, 73%
HSV	40°, 45%, 95%
XYZ	62.3071, 64.0658, 30.9297
YIQ	207.4420, 44.8890, -15.0710

Conversions

Conversions Part 2

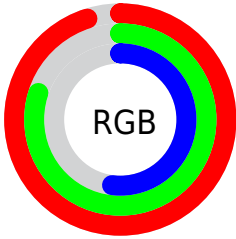
Format	Color
R _Y B	186, 241, 132
Decimal	15846788
CIE Lab	84.00, 3.31, 40.94
CIE LCh	84, 41.075, 85.375
Yxy	64.0658, 0.3961, 0.4073
Android (android.graphics.Color)	4294036868 (0xFFF1CD84)
YUV	207.4420, -37.1929, 29.4304
Hunter-Lab	80.0411, -1.1206, 33.1178

Details

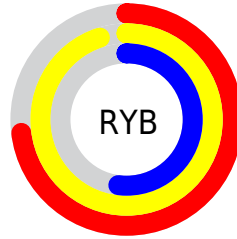
The CIELCh color $84, 41.075, 85.375$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $69, 40.904, 279.393$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 34.689, 107.535$, and $64, 41.051, 85.357$ is the 20% darker color. If you saturate the color by 10%, you get $82, 50.335, 83.937$, and if you desaturate by 10%, it is $86, 31.761, 86.774$.

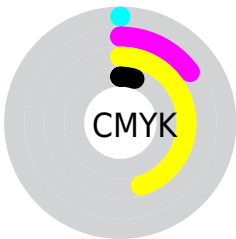
Distribution



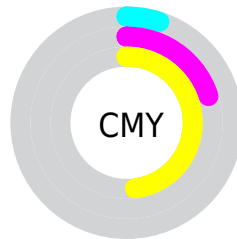
- Red (95%)
- Green (80%)
- Blue (52%)



- Red (73%)
- Yellow (95%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 41.075, 85.375 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, 41.075, 85.375 by changing the saturation by 10% instead.

 84, 41.075, 85.375

 84, 41.075, 85.375

 100, 41.075,
85.375

 74, 41.075, 85.375

 64, 41.075, 85.375

 54, 41.075, 85.375

 44, 41.075, 85.375

 34, 41.075, 85.375

 24, 41.075, 85.375

 14, 41.075, 85.375

 4, 41.075, 85.375

 0, 41.075, 85.375

84, 41.075, 85.375

84, 41.075, 85.375

82, 50.335, 83.937

86, 31.761, 86.774

80, 59.266, 82.426

89, 22.531, 88.127

77, 67.381, 80.790

91, 13.455, 89.434

75, 73.904, 78.920

94, 4.559, 90.666

73, 77.907, 76.634

96, 4.151, 272.017

72, 79.085, 75.413

98, 4.185, 214.709

99, 4.804, 199.239

Harmonies

Complementary

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



84, 41.075, 85.375



69, 40.904, 279.393

Rectangle

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



84, 41.075, 85.375



84, 41.075, 135.375



84, 41.075, 265.375



84, 41.075, 315.375

Sweetspot

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



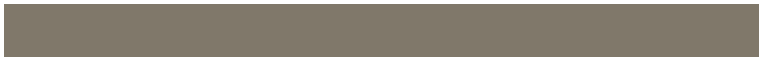
84, 41.076, 85.379



96, 12.937, 89.584



68, 45.664, 359.403



51, 8.953, 89.307



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, 41.076, 85.379



86, 51.513, 84.093



92, 54.913, 113.453



49, 4.968, 90.158



56, 64.501, 75.949



17, 24.614, 78.763

Inverse Universe

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



69, 40.904, 279.393



67, 51.565, 281.753



61, 61.556, 301.235



47, 4.968, 272.648



31, 76.767, 296.756



7, 28.298, 290.119

Previews

White Background



This preview shows how the CIELCh color 84, 41.075, 85.375 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 CIE LCh color 84, 41.075, 85.375 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, 41.075, 85.375

Background



This preview shows how black text looks on a background with the CIELCh color 84, 41.075, 85.375.

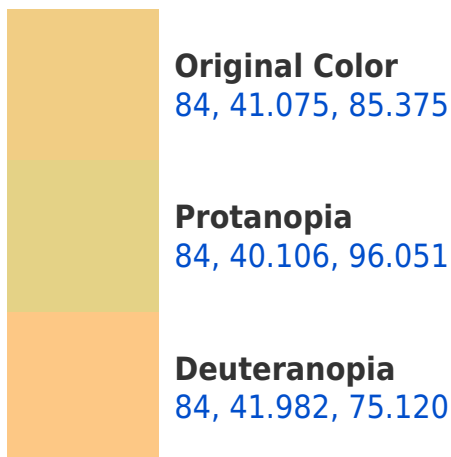


This preview shows how white text looks on a background with the CIELCh color 84, 41.075, 85.375.

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](#).

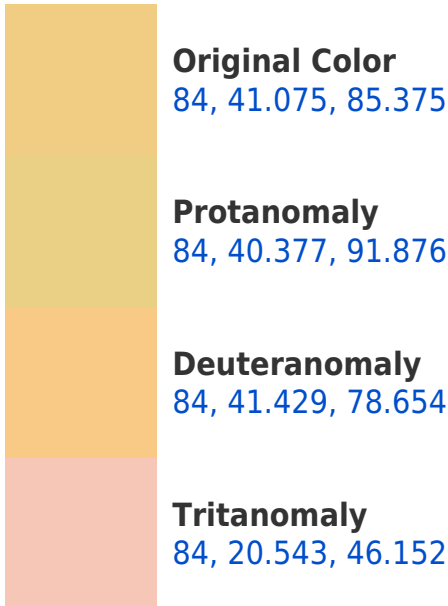
Dichromacy



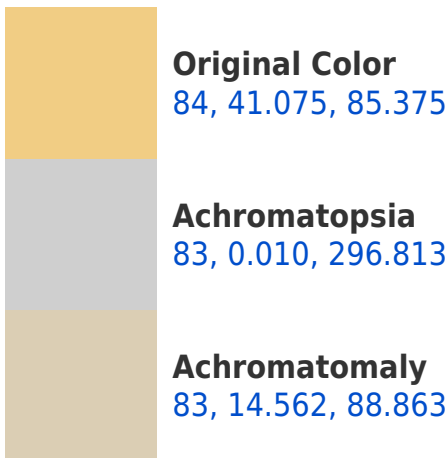


Tritanopia
84, 21.669, 358.472

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 41.075, 85.375 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(241, 205, 132)` looks like.

```
.text, #text, p{  
    color:rgb(241, 205, 132)  
}
```

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(241, 205, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 205, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 41.075, 85.375 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(241, 205, 132) }
```

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

```
.border{ border-color:rgb(241, 205, 132) }
```

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

Here you see how a box with a 4 pixel rgb(241, 205, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 205, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 205, 132);  
box-shadow:4px 4px 4px 4px rgb(241, 205,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 41.075, 85.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 205, 132) }
```

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

```
.background{ background-color: rgb(241,  
205, 132) }
```

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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