

Converting Colors

CIELCh(84, 41.175, 86.243)

Have a look what the booklet for
CIELCh(84, 41.175, 86.243) contains.

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Color

CIELCh(84, 40.910, 85.917)

Conversions

Conversions Part 1

Format	Color
Hex	F0CD84
RGB	240, 205, 132
RGB Percent	94%, 80%, 52%
CMY	0.0575, 0.1949, 0.4812
CMYK	0.00, 0.15, 0.45, 0.06
HSL	41°, 79%, 73%
HSV	41°, 45%, 94%
XYZ	62.1355, 64.0658, 31.0251
YIQ	207.1430, 44.2930, -15.2830

Conversions

Conversions Part 2

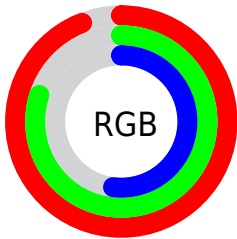
Format	Color
RYB	184, 240, 132
Decimal	15781252
CIELab	84.00, 2.91, 40.81
CIELCh	84, 40.910, 85.917
Yxy	64.0658, 0.3952, 0.4075
Android (android.graphics.Color)	4293971332 (0xFFFF0CD84)
YUV	207.1430, -37.0455, 28.8156
Hunter-Lab	80.0411, -1.5034, 33.0471

Details

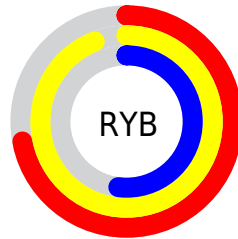
The CIELCh color $84, 40.910, 85.917$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $69, 40.888, 279.782$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 34.689, 107.535$, and $64, 40.876, 85.942$ is the 20% darker color. If you saturate the color by 10%, you get $82, 50.164, 84.486$, and if you desaturate by 10%, it is $86, 31.594, 87.310$.

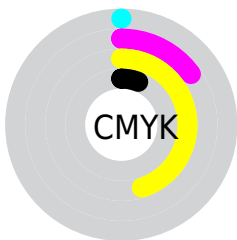
Distribution



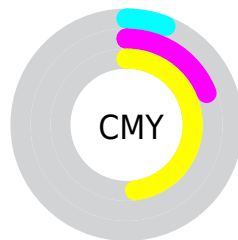
- Red (94%)
- Green (80%)
- Blue (52%)



- Red (72%)
- Yellow (94%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (6%)



- Cyan (6%)
- Magenta (19%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 40.910, 85.917 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, 40.910, 85.917 by changing the saturation by 10% instead.

 84, 40.910, 85.917

 84, 40.910, 85.917

 100, 40.910,
85.917

 74, 40.910, 85.917

 64, 40.910, 85.917

 54, 40.910, 85.917

 44, 40.910, 85.917

 34, 40.910, 85.917

 24, 40.910, 85.917

 14, 40.910, 85.917

 4, 40.910, 85.917

 0, 40.910, 85.917

84, 40.910, 85.917

84, 40.910, 85.917

82, 50.164, 84.486

86, 31.594, 87.310

80, 59.083, 82.984

89, 22.355, 88.658

77, 67.184, 81.363

91, 13.261, 89.960

75, 73.702, 79.518

94, 4.341, 91.185

74, 77.718, 77.277

96, 4.399, 272.527

73, 78.933, 76.008

98, 4.283, 219.937

99, 5.052, 199.216

Harmonies

Complementary

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



84, 40.910, 85.917



69, 40.888, 279.782

Rectangle

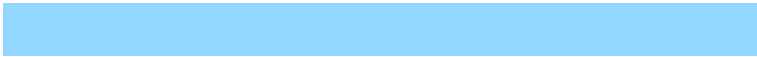
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 40.910, 85.917



84, 40.910, 135.917



84, 40.910, 265.917



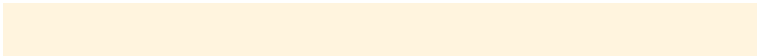
84, 40.910, 315.917

Sweetspot

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



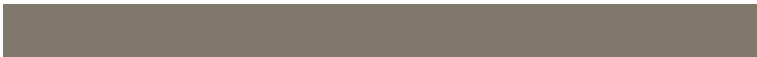
84, 40.911, 85.921



97, 12.072, 90.202



68, 45.283, 359.352



51, 8.467, 89.921



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, 40.911, 85.921



86, 51.718, 84.600



92, 54.476, 113.471



49, 4.998, 90.647



57, 64.532, 76.529



17, 24.700, 79.357

Inverse Universe

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



69, 40.888, 279.782



67, 52.013, 282.199



61, 61.013, 301.199



47, 5.002, 273.129



31, 77.510, 297.091



7, 28.532, 290.430

Previews

White Background



This preview shows how the CIELCh color 84, 40.910, 85.917 looks on a white background.

Color Contrast Check

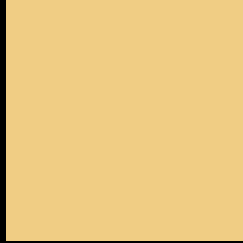
Large Text (above 18pt) WCAG AA × Fail

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, 40.910, 85.917 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, 40.910, 85.917

Background



This preview shows how black text looks on a background with the CIELCh color 84, 40.910, 85.917.



This preview shows how white text looks on a background with the CIELCh color 84, 40.910, 85.917.

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, 20.787, 358.934

Trichromacy



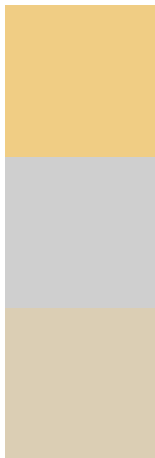
Original Color
84, 40.910, 85.917

Protanomaly
84, 40.263, 92.447

Deuteranomaly
84, 41.214, 79.158

Tritanomaly
84, 20.181, 46.624

Monochromacy



Original Color
84, 40.910, 85.917

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 14.562, 88.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 40.910, 85.917 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(240, 205, 132)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 205, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 205, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 40.910, 85.917 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(240, 205, 132) }
```

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

```
.border{ border-color:rgb(240, 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(240, 205, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 205, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 205, 132);  
box-shadow:4px 4px 4px 4px rgb(240, 205,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 40.910, 85.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 205, 132) }
```

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

```
.background{ background-color: rgb(240,  
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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