

Converting Colors

CIELCh(85, 41.629, 83.685)

Have a look what the booklet for
CIELCh(85, 41.629, 83.685) contains.

CIELCh(85, 41.519, 83.829)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(85, 41.519, 83.829)

Conversions

Conversions Part 1

Format	Color
Hex	F6CF86
RGB	246, 207, 134
RGB Percent	96%, 81%, 53%
CMY	0.0349, 0.1878, 0.4741
CMYK	0.00, 0.16, 0.46, 0.03
HSL	39°, 86%, 75%
HSV	39°, 46%, 97%
XYZ	64.6871, 66.0070, 31.9189
YIQ	210.3390, 46.6770, -14.4350

Conversions

Conversions Part 2

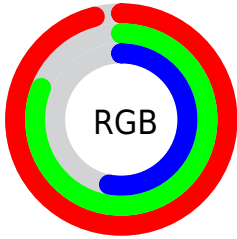
Format	Color
R _Y B	194, 246, 134
Decimal	16174982
CIE Lab	85.00, 4.46, 41.28
CIE LCh	85, 41.519, 83.829
Yxy	66.0070, 0.3978, 0.4059
Android (android.graphics.Color)	4294365062 (0xFFFF6CF86)
YUV	210.3390, -37.6351, 31.2747
Hunter-Lab	81.2447, -0.0564, 33.5778

Details

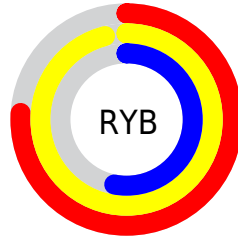
The CIELCh color **85, 41.519, 83.829** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 40.884, 278.107**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 33.700, 107.612**, and **65, 41.519, 83.713** is the 20% darker color. If you saturate the color by 10%, you get **83, 50.901, 82.376**, and if you desaturate by 10%, it is **88, 32.116, 85.241**.

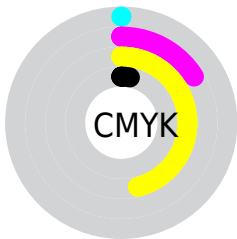
Distribution



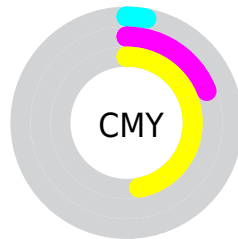
- Red (96%)
- Green (81%)
- Blue (53%)



- Red (76%)
- Yellow (96%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (46%)
- Black (3%)

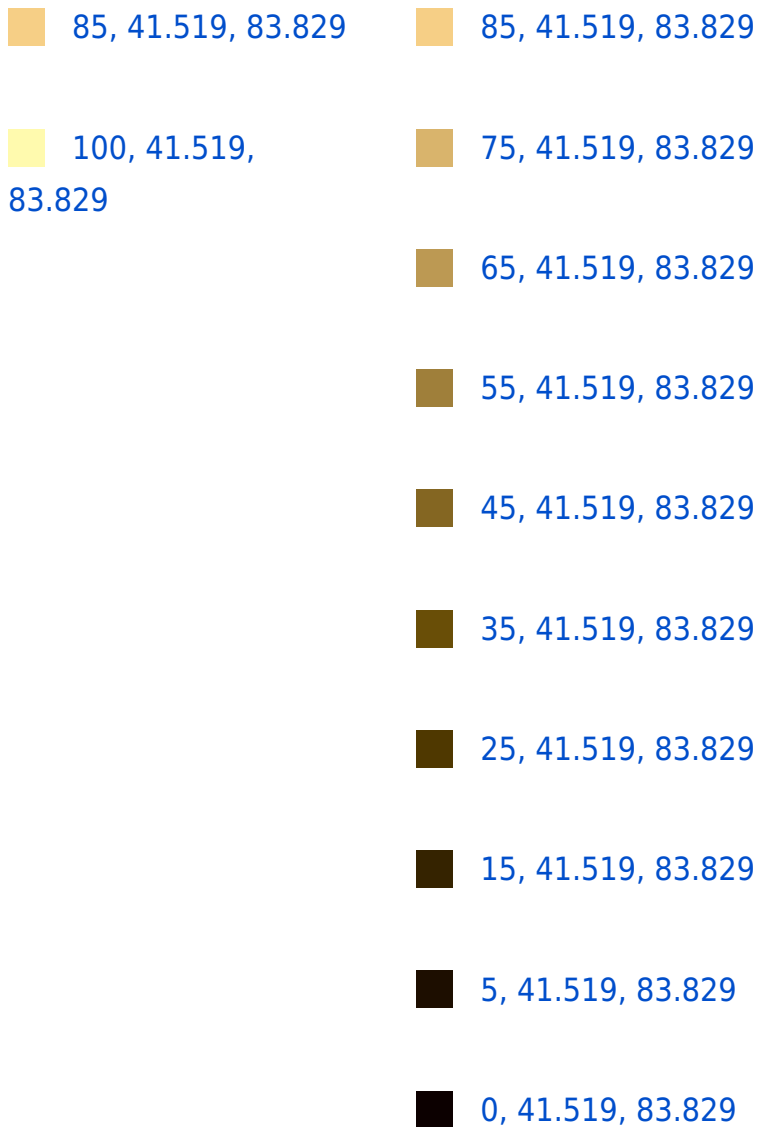


- Cyan (3%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 41.519, 83.829 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, 41.519, 83.829 by changing the saturation by 10% instead.



85, 41.519, 83.829

85, 41.519, 83.829

83, 50.901, 82.376

88, 32.116, 85.241

80, 59.987, 80.844

90, 22.827, 86.606

78, 68.281, 79.175

93, 13.718, 87.926

76, 74.981, 77.246

95, 4.812, 89.171

74, 79.122, 74.854

98, 2.889, 262.977

73, 80.305, 73.655

99, 3.079, 199.425

Harmonies

Complementary

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



85, 41.519, 83.829



71, 40.884, 278.107

Rectangle

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



85, 41.519, 83.829



85, 41.519, 133.829



85, 41.519, 263.829



85, 41.519, 313.829

Sweetspot

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



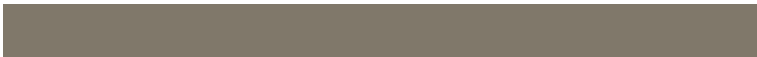
85, 41.520, 83.833



96, 12.719, 88.117



69, 46.994, 358.284



51, 8.804, 87.838



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, 41.520, 83.833



85, 51.898, 82.437



94, 56.076, 112.685



50, 4.967, 88.692



56, 65.121, 74.225



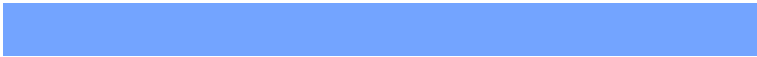
17, 25.580, 76.982

Inverse Universe

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



71, 40.884, 278.107



67, 51.251, 280.697



62, 63.023, 300.801



48, 4.957, 271.213



33, 75.433, 295.770



7, 28.780, 289.804

Previews

White Background



This preview shows how the CIELCh color 85, 41.519, 83.829 looks on a white background.

Color Contrast Check

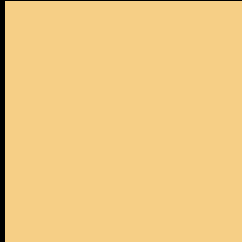
Large Text (above 18pt) WCAG AA × Fail

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 85, 41.519, 83.829 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, 41.519, 83.829

Background



This preview shows how black text looks on a background with the CIELCh color 85, 41.519, 83.829.



This preview shows how white text looks on a background with the CIELCh color 85, 41.519, 83.829.

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

85, 41.519, 83.829

Protanopia

85, 40.129, 95.513

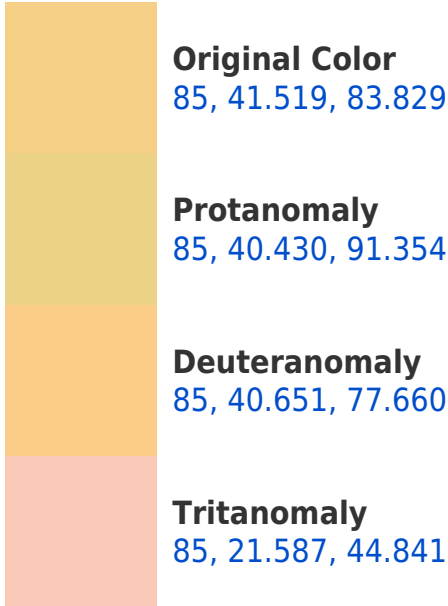
Deuteranopia

85, 40.715, 75.070

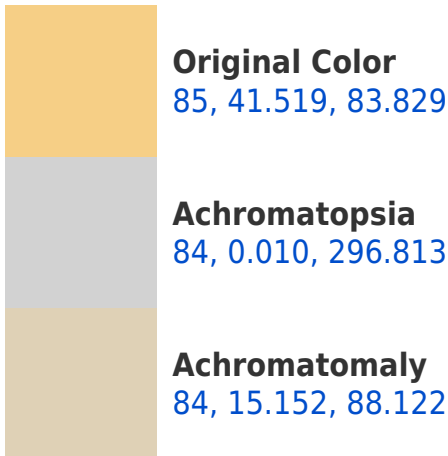


Tritanopia
85, 22.674, 359.673

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 41.519, 83.829 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(246, 207, 134)` looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 134)  
}
```

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(246, 207, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 41.519, 83.829 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(246, 207, 134) }
```

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

```
.border{ border-color:rgb(246, 207, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 207, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 207, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 207, 134); box-shadow:4px 4px 4px 4px rgb(246, 207, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 41.519, 83.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 134) }
```

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

```
.background{ background-color: rgb(246,  
207, 134) }
```

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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