

Converting Colors

CIELCh(85, 37.321, 86.363)

Have a look what the booklet for
CIELCh(85, 37.321, 86.363) contains.

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Color

CIELCh(85, 37.409, 86.533)

Conversions

Conversions Part 1

Format	Color
Hex	F1D18E
RGB	241, 209, 142
RGB Percent	95%, 82%, 56%
CMY	0.0564, 0.1817, 0.4444
CMYK	0.00, 0.13, 0.41, 0.06
HSL	41°, 77%, 75%
HSV	41°, 41%, 94%
XYZ	63.7208, 66.0070, 34.8420
YIQ	210.9300, 40.5790, -14.0530

Conversions

Conversions Part 2

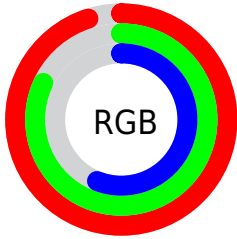
Format	Color
R _Y B	189, 241, 142
Decimal	15847822
CIE Lab	85.00, 2.26, 37.34
CIE LCh	85, 37.409, 86.533
Yxy	66.0070, 0.3872, 0.4011
Android (android.graphics.Color)	4294037902 (0xFFFF1D18E)
YUV	210.9300, -33.9825, 26.3714
Hunter-Lab	81.2447, -2.1794, 31.4446

Details

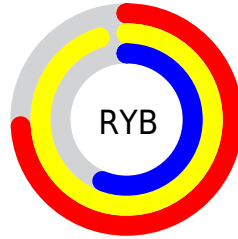
The CIELCh color **85, 37.409, 86.533** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 37.358, 278.946**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.728, 107.918**, and **65, 37.257, 86.878** is the 20% darker color. If you saturate the color by 10%, you get **83, 46.723, 85.122**, and if you desaturate by 10%, it is **87, 28.096, 87.910**.

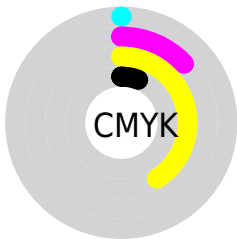
Distribution



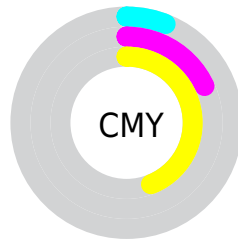
- Red (95%)
- Green (82%)
- Blue (56%)



- Red (74%)
- Yellow (95%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 37.409, 86.533 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, 37.409, 86.533 by changing the saturation by 10% instead.

 85, 37.409, 86.533

 85, 37.409, 86.533

 100, 37.409,
86.533

 75, 37.409, 86.533

 65, 37.409, 86.533

 55, 37.409, 86.533

 45, 37.409, 86.533

 35, 37.409, 86.533

 25, 37.409, 86.533

 15, 37.409, 86.533

 5, 37.409, 86.533

 0, 37.409, 86.533

85, 37.409, 86.533

85, 37.409, 86.533

83, 46.723, 85.122

87, 28.096, 87.910

81, 55.823, 83.650

90, 18.892, 89.241

78, 64.318, 82.085

92, 9.846, 90.521

76, 71.549, 80.345

95, 0.977, 91.521

74, 76.615, 78.283

97, 4.467, 258.364

73, 79.014, 76.101

99, 4.949, 199.226

Harmonies

Complementary

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



85, 37.409, 86.533



71, 37.358, 278.946

Rectangle

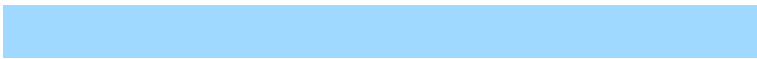
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 37.409, 86.533



85, 37.409, 136.533



85, 37.409, 266.533



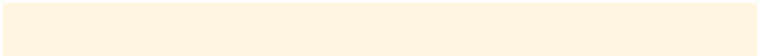
85, 37.409, 316.533

Sweetspot

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



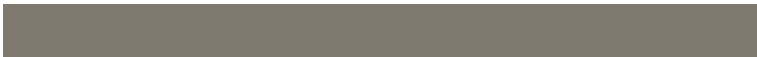
85, 37.410, 86.538



97, 11.142, 90.407



70, 41.444, 358.681



51, 7.401, 90.242



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, 37.410, 86.538



88, 46.909, 85.405



92, 50.137, 113.726



49, 5.003, 90.726



57, 64.537, 76.622



17, 24.714, 79.453

Inverse Universe

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



71, 37.358, 278.946



70, 47.019, 280.916



64, 55.485, 300.708



47, 5.007, 273.205



31, 77.629, 297.145



7, 28.569, 290.479

Previews

White Background



This preview shows how the CIELCh color 85, 37.409, 86.533 looks on a white background.

Color Contrast Check

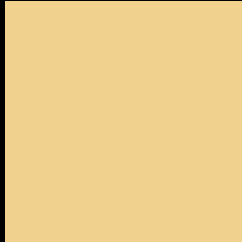
Large Text (above 18pt) WCAG AA × Fail

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, 37.409, 86.533 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, 37.409, 86.533

Background



This preview shows how black text looks on a background with the CIELCh color 85, 37.409, 86.533.



This preview shows how white text looks on a background with the CIELCh color 85, 37.409, 86.533.

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, 37.409, 86.533

Protanopia

85, 36.573, 95.475

Deuteranopia

85, 38.235, 73.924



Tritanopia
85, 19.880, 356.143

Trichromacy



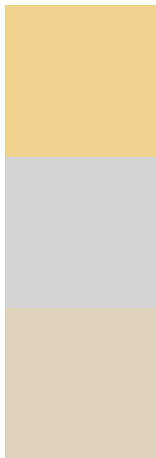
Original Color
85, 37.409, 86.533

Protanomaly
85, 36.613, 92.208

Deuteranomaly
85, 37.437, 78.312

Tritanomaly
85, 18.123, 45.968

Monochromacy



Original Color
85, 37.409, 86.533

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 13.384, 89.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 37.409, 86.533 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, 209, 142)` looks like.

```
.text, #text, p{  
    color:rgb(241, 209, 142)  
}
```

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, 209, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 209, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 37.409, 86.533 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, 209, 142) }
```

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

```
.border{ border-color:rgb(241, 209, 142) }
```

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

Here you see how a box with a 4 pixel rgb(241, 209, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 209, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 209, 142);  
box-shadow:4px 4px 4px 4px rgb(241, 209,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 37.409, 86.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 209, 142) }
```

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

```
.background{ background-color: rgb(241,  
209, 142) }
```

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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