

Converting Colors

CIE LCh(86, 36.108, 86.856)

Have a look what the booklet for
CIELCh(86, 36.108, 86.856) contains.

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Color

CIELCh(86, 36.037, 87.384)

Conversions

Conversions Part 1

Format	Color
Hex	F2D493
RGB	242, 212, 147
RGB Percent	95%, 83%, 58%
CMY	0.0515, 0.1691, 0.4240
CMYK	0.00, 0.12, 0.39, 0.05
HSL	41°, 78%, 76%
HSV	41°, 39%, 95%
XYZ	65.3477, 67.9871, 37.2370
YIQ	213.5600, 38.7450, -13.8550

Conversions

Conversions Part 2

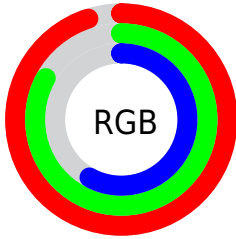
Format	Color
R _Y B	191, 242, 147
Decimal	15914131
CIE Lab	86.00, 1.64, 36.00
CIE LCh	86, 36.037, 87.384
Yxy	67.9871, 0.3831, 0.3986
Android (android.graphics.Color)	4294104211 (0xFFFF2D493)
YUV	213.5600, -32.8141, 24.9419
Hunter-Lab	82.4543, -2.8280, 30.9422

Details

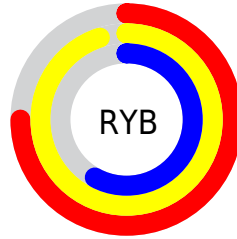
The CIELCh color **86, 36.037, 87.384** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 36.104, 279.071**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 26.735, 108.148**, and **66, 36.324, 88.096** is the 20% darker color. If you saturate the color by 10%, you get **84, 45.428, 85.988**, and if you desaturate by 10%, it is **88, 26.660, 88.749**.

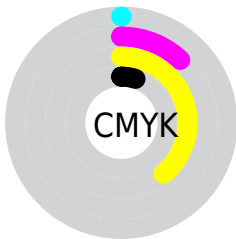
Distribution



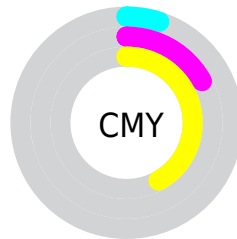
- Red (95%)
- Green (83%)
- Blue (58%)



- Red (75%)
- Yellow (95%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (39%)
- Black (5%)



- Cyan (5%)
- Magenta (17%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 36.037, 87.384 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 86, 36.037, 87.384 by changing the saturation by 10% instead.

 86, 36.037, 87.384

 86, 36.037, 87.384

 100, 36.037,
87.384

 76, 36.037, 87.384

 66, 36.037, 87.384

 56, 36.037, 87.384

 46, 36.037, 87.384

 36, 36.037, 87.384

 26, 36.037, 87.384

 16, 36.037, 87.384

 6, 36.037, 87.384

 0, 36.037, 87.384

86, 36.037, 87.384

86, 36.037, 87.384

84, 45.428, 85.988

88, 26.660, 88.749

82, 54.637, 84.535

91, 17.392, 90.066

79, 63.305, 83.001

93, 8.281, 91.330

77, 70.822, 81.317

96, 0.657, 273.000

76, 76.315, 79.356

98, 3.754, 241.591

74, 79.196, 76.979

99, 4.524, 199.265

74, 79.373, 76.802

Harmonies

Complementary

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



86, 36.037, 87.384



72, 36.104, 279.071

Rectangle

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



86, 36.037, 87.384



86, 36.037, 137.384



86, 36.037, 267.384



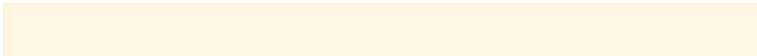
86, 36.037, 317.384

Sweetspot

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



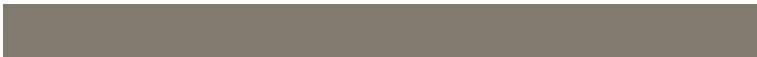
86, 36.038, 87.389



97, 11.223, 90.988



71, 39.480, 359.551



51, 7.454, 90.824



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 36.038, 87.389



88, 45.201, 86.291



92, 48.269, 114.579



49, 5.040, 91.306



57, 64.586, 77.319



17, 24.822, 80.161

Inverse Universe

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



72, 36.104, 279.071



71, 45.462, 280.938



66, 53.053, 300.993



47, 5.048, 273.774



31, 78.520, 297.538



6, 28.846, 290.837

Previews

White Background



This preview shows how the CIELCh color 86, 36.037, 87.384 looks on a white background.

Color Contrast Check

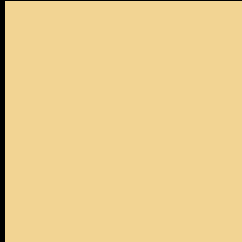
Large Text (above 18pt) WCAG AA × Fail

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 86, 36.037, 87.384 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 86, 36.037, 87.384

Background



This preview shows how black text looks on a background with the CIELCh color 86, 36.037, 87.384.



This preview shows how white text looks on a background with the CIELCh color 86, 36.037, 87.384.

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


86, 36.037, 87.384

Protanopia

86, 35.490, 95.321

Deuteranopia

86, 34.522, 72.354



Tritanopia
86, 18.805, 354.558

Trichromacy



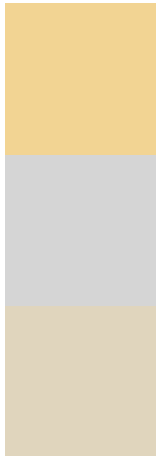
Original Color
86, 36.037, 87.384

Protanomaly
86, 35.423, 92.609

Deuteranomaly
86, 34.594, 77.873

Tritanomaly
86, 16.841, 44.042

Monochromacy



Original Color
86, 36.037, 87.384

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 13.221, 90.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 36.037, 87.384 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(242, 212, 147)` looks like.

```
.text, #text, p{  
    color:rgb(242, 212, 147)  
}
```

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(242, 212, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 212, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 36.037, 87.384 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(242, 212, 147) }
```

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

```
.border{ border-color:rgb(242, 212, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 212, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 212, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 212, 147);  
box-shadow:4px 4px 4px 4px rgb(242, 212,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 36.037, 87.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 212, 147) }
```

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

```
.background{ background-color: rgb(242,  
212, 147) }
```

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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