

Converting Colors

CIELCh(86, 51.283, 91.634)

Have a look what the booklet for
CIELCh(86, 51.283, 91.634) contains.

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Color

CIELCh(86, 51.316, 91.607)

Conversions

Conversions Part 1

Format	Color
Hex	F3D574
RGB	243, 213, 116
RGB Percent	95%, 84%, 45%
CMY	0.0466, 0.1642, 0.5447
CMYK	0.00, 0.12, 0.52, 0.05
HSL	46°, 84%, 70%
HSV	46°, 52%, 95%
XYZ	63.9872, 67.9871, 26.3070
YIQ	210.9120, 49.0170, -23.8070

Conversions

Conversions Part 2

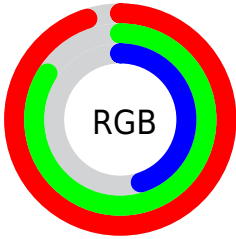
Format	Color
RYB	155, 243, 116
Decimal	15979892
CIELab	86.00, -1.44, 51.30
CIElCh	86, 51.316, 91.607
Yxy	67.9871, 0.4043, 0.4295
Android (android.graphics.Color)	4294169972 (0xFFFF3D574)
YUV	210.9120, -46.7916, 28.1412
Hunter-Lab	82.4543, -5.7732, 38.8016

Details

The CIELCh color **86, 51.316, 91.607** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **62, 54.477, 287.396**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 42.533, 106.929**, and **66, 51.428, 92.022** is the 20% darker color. If you saturate the color by 10%, you get **84, 60.543, 90.267**, and if you desaturate by 10%, it is **88, 41.620, 92.923**.

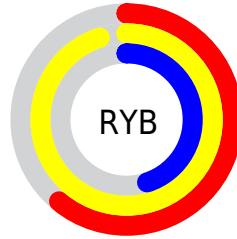
Distribution



Red (95%)

Green (84%)

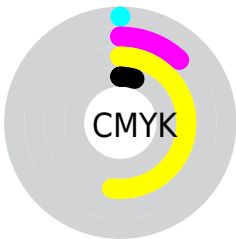
Blue (45%)



Red (61%)

Yellow (95%)

Blue (45%)

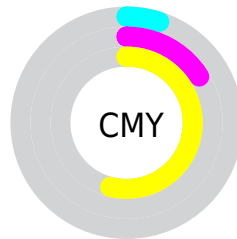


Cyan (0%)

Magenta (12%)

Yellow (52%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 51.316, 91.607 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, 51.316, 91.607 by changing the saturation by 10% instead.

86, 51.316, 91.607

86, 51.316, 91.607

100, 51.316,
91.607

76, 51.316, 91.607

66, 51.316, 91.607

56, 51.316, 91.607

46, 51.316, 91.607

36, 51.316, 91.607

26, 51.316, 91.607

16, 51.316, 91.607

6, 51.316, 91.607

0, 51.316, 91.607

86, 51.316, 91.607

86, 51.316, 91.607

84, 60.543, 90.267

88, 41.620, 92.923

83, 68.829, 88.877

90, 31.731, 94.209

81, 75.468, 87.395

91, 21.809, 95.464

80, 79.632, 85.738

93, 11.939, 96.680

79, 81.118, 84.297

95, 2.165, 97.786

97, 4.074, 268.312

99, 3.609, 213.077

99, 4.099, 199.307

Harmonies

Complementary

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



86, 51.316, 91.607



62, 54.477, 287.396

Rectangle

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



86, 51.316, 91.607



86, 51.316, 141.607



86, 51.316, 271.607



86, 51.316, 321.607

Sweetspot

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



86, 51.317, 91.611



97, 16.257, 96.224



65, 52.168, 7.013



51, 10.988, 95.973



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, 51.317, 91.611



88, 63.609, 90.142



91, 63.909, 116.731



50, 5.564, 97.005



62, 66.480, 84.654



19, 27.406, 87.192

Inverse Universe

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



62, 54.477, 287.396



58, 69.494, 290.382



57, 72.512, 304.445



48, 5.613, 279.337



28, 88.639, 301.168



6, 33.168, 294.884

Previews

White Background



This preview shows how the CIELCh color 86, 51.316, 91.607 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, 51.316, 91.607 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, 51.316, 91.607

Background



This preview shows how black text looks on a background with the CIELCh color 86, 51.316, 91.607.

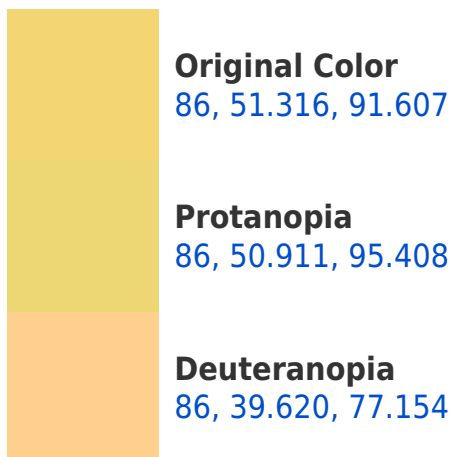


This preview shows how white text looks on a background with the CIELCh color 86, 51.316, 91.607.

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](#).

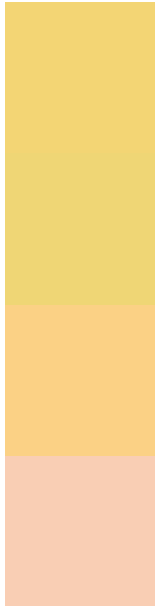
Dichromacy





Tritanopia
86, 20.329, 358.439

Trichromacy



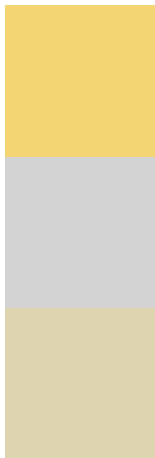
Original Color
86, 51.316, 91.607

Protanomaly
86, 50.747, 93.935

Deuteranomaly
86, 43.399, 82.952

Tritanomaly
86, 21.834, 58.471

Monochromacy



Original Color
86, 51.316, 91.607

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 19.298, 95.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 51.316, 91.607 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(243, 213, 116)` looks like.

```
.text, #text, p{  
    color:rgb(243, 213, 116)  
}
```

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(243, 213, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 213, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 51.316, 91.607 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(243, 213, 116) }
```

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

```
.border{ border-color:rgb(243, 213, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 213, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 213, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 213, 116); box-shadow:4px 4px 4px 4px rgb(243, 213, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 51.316, 91.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 213, 116) }
```

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

```
.background{ background-color: rgb(243,  
213, 116) }
```

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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