

Converting Colors

CIELCh(86, 28.832, 84.812)

Have a look what the booklet for
CIELCh(86, 28.832, 84.812) contains.

CIELCh(86, 28.945, 85.078)	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(86, 28.945, 85.078)

Conversions

Conversions Part 1

Format	Color
Hex	F0D4A1
RGB	240, 212, 161
RGB Percent	94%, 83%, 63%
CMY	0.0600, 0.1697, 0.3697
CMYK	0.00, 0.12, 0.33, 0.06
HSL	39°, 72%, 79%
HSV	39°, 33%, 94%
XYZ	65.7209, 67.9871, 43.2547
YIQ	214.5580, 33.0590, -9.9250

Conversions

Conversions Part 2

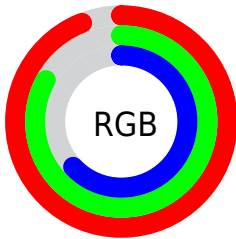
Format	Color
RYB	204, 240, 161
Decimal	15783073
CIELab	86.00, 2.48, 28.84
CIELCh	86, 28.945, 85.078
Yxy	67.9871, 0.3714, 0.3842
Android (android.graphics.Color)	4293973153 (0xFFFF0D4A1)
YUV	214.5580, -26.4041, 22.3126
Hunter-Lab	82.4543, -2.0200, 26.6151

Details

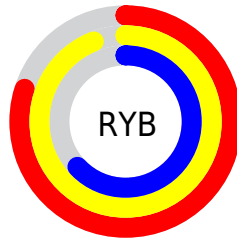
The CIELCh color **86, 28.945, 85.078** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 28.482, 274.734**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **66, 29.086, 85.522** is the 20% darker color. If you saturate the color by 10%, you get **83, 38.106, 83.687**, and if you desaturate by 10%, it is **89, 19.930, 86.438**.

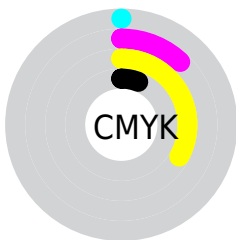
Distribution



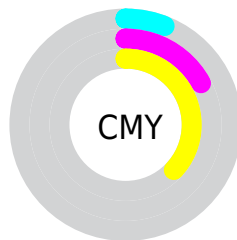
- Red (94%)
- Green (83%)
- Blue (63%)



- Red (80%)
- Yellow (94%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 28.945, 85.078 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, 28.945, 85.078 by changing the saturation by 10% instead.

 86, 28.945, 85.078

 86, 28.945, 85.078

 100, 28.945,
85.078

 76, 28.945, 85.078

 66, 28.945, 85.078

 56, 28.945, 85.078

 46, 28.945, 85.078

 36, 28.945, 85.078

 26, 28.945, 85.078

 16, 28.945, 85.078

 6, 28.945, 85.078

 0, 28.945, 85.078

86, 28.945, 85.078

86, 28.945, 85.078

83, 38.106, 83.687

89, 19.930, 86.438

81, 47.302, 82.244

91, 11.106, 87.745

79, 56.314, 80.735

94, 2.489, 88.928

76, 64.728, 79.108

97, 5.157, 267.006

74, 71.846, 77.257

99, 4.994, 203.937

72, 76.718, 74.994

99, 5.261, 199.198

71, 78.732, 73.116

Harmonies

Complementary

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



86, 28.945, 85.078



76, 28.482, 274.734

Rectangle

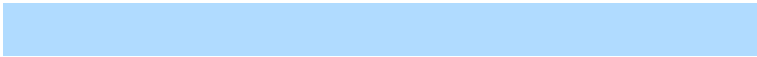
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 28.945, 85.078



86, 28.945, 135.078



86, 28.945, 265.078



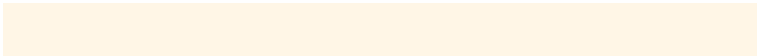
86, 28.945, 315.078

Sweetspot

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



86, 28.946, 85.084



97, 8.986, 88.113



75, 33.390, 355.129



51, 6.142, 87.936



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, 28.946, 85.084



89, 37.222, 84.084



92, 40.238, 112.859



49, 4.853, 88.182



55, 64.457, 73.679



16, 24.304, 76.393

Inverse Universe

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



76, 28.482, 274.734



76, 36.536, 276.308



70, 43.554, 298.640



47, 4.840, 270.705



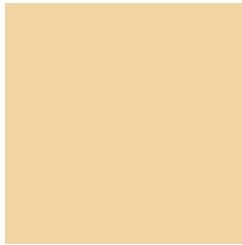
32, 73.837, 295.369



7, 27.354, 288.785

Previews

White Background



This preview shows how the CIELCh color 86, 28.945, 85.078 looks on a white background.

Color Contrast Check

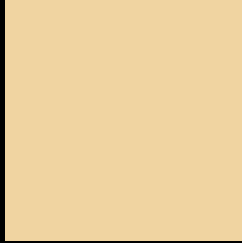
Large Text (above 18pt) WCAG AA × Fail

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, 28.945, 85.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

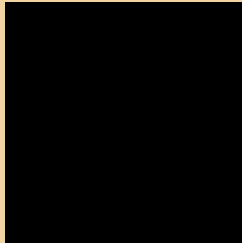
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 28.945, 85.078

Background



This preview shows how black text looks on a background with the CIELCh color 86, 28.945, 85.078.

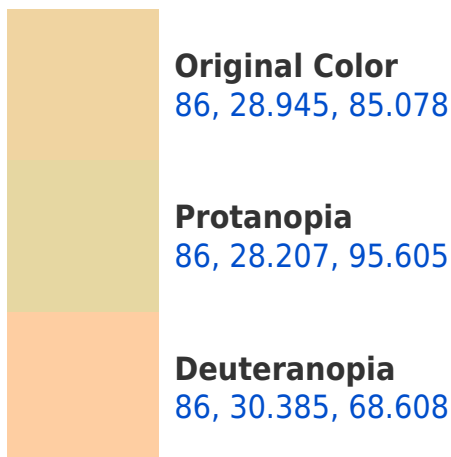



This preview shows how white text looks on a background with the CIELCh color 86, 28.945, 85.078.

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, 17.476, 352.233

Trichromacy



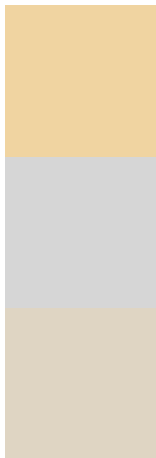
Original Color
86, 28.945, 85.078

Protanomaly
86, 28.247, 91.456

Deuteranomaly
86, 29.384, 73.945

Tritanomaly
86, 14.849, 38.703

Monochromacy



Original Color
86, 28.945, 85.078

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 10.126, 87.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 28.945, 85.078 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, 212, 161)` looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 161)  
}
```

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, 212, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 28.945, 85.078 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, 212, 161) }
```

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

```
.border{ border-color:rgb(240, 212, 161) }
```

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

Here you see how a box with a 4 pixel rgb(240, 212, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 161);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 28.945, 85.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 161) }
```

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

```
.background{ background-color: rgb(240,  
212, 161) }
```

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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