

Converting Colors

CIELCh(86, 25.733, 83.703)

Have a look what the booklet for
CIELCh(86, 25.733, 83.703) contains.

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Color

CIELCh(86, 25.891, 83.685)

Conversions

Conversions Part 1

Format	Color
Hex	EFD4A7
RGB	239, 212, 167
RGB Percent	94%, 83%, 65%
CMY	0.0641, 0.1699, 0.3464
CMYK	0.00, 0.11, 0.30, 0.06
HSL	38°, 69%, 79%
HSV	38°, 30%, 94%
XYZ	65.8836, 67.9871, 46.0529
YIQ	214.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

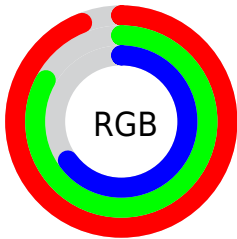
Format	Color
R _Y B	210, 239, 167
Decimal	15717543
CIE Lab	86.00, 2.85, 25.73
CIE LCh	86, 25.891, 83.685
Yxy	67.9871, 0.3662, 0.3779
Android (android.graphics.Color)	4293907623 (0xFFEFD4A7)
YUV	214.9430, -23.6359, 21.0980
Hunter-Lab	82.4543, -1.6679, 24.6030

Details

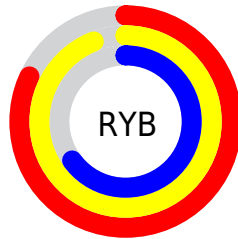
The CIELCh color $86, 25.891, 83.685$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $78, 25.292, 272.458$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 16.691, 108.916$, and $66, 25.869, 84.305$ is the 20% darker color. If you saturate the color by 10%, you get $83, 34.899, 82.302$, and if you desaturate by 10%, it is $89, 17.078, 85.039$.

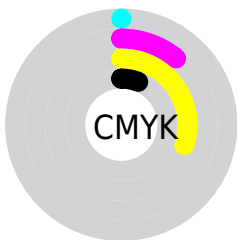
Distribution



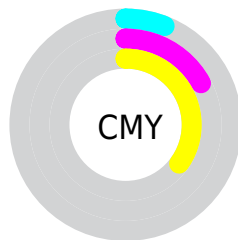
- Red (94%)
- Green (83%)
- Blue (65%)



- Red (82%)
- Yellow (94%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 25.891, 83.685 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, 25.891, 83.685 by changing the saturation by 10% instead.

 86, 25.891, 83.685

 86, 25.891, 83.685

 100, 25.891,
83.685

 76, 25.891, 83.685

 66, 25.891, 83.685

 56, 25.891, 83.685

 46, 25.891, 83.685

 36, 25.891, 83.685

 26, 25.891, 83.685

 16, 25.891, 83.685

 6, 25.891, 83.685

 0, 25.891, 83.685

86, 25.891, 83.685

86, 25.891, 83.685

83, 34.899, 82.302

89, 17.078, 85.039

81, 44.022, 80.869

91, 8.486, 86.334

78, 53.088, 79.376

94, 0.121, 85.082

76, 61.766, 77.780

97, 4.863, 252.011

74, 69.453, 75.985

99, 5.620, 199.167

71, 75.242, 73.812

69, 78.570, 71.164

Harmonies

Complementary

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



86, 25.891, 83.685



78, 25.292, 272.458

Rectangle

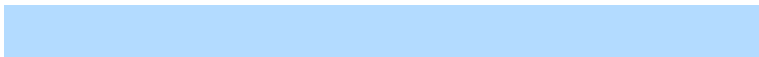
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 25.891, 83.685



86, 25.891, 133.685



86, 25.891, 263.685



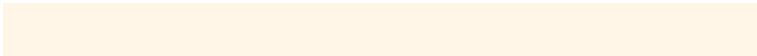
86, 25.891, 313.685

Sweetspot

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



86, 25.892, 83.691



97, 7.920, 86.474



76, 30.626, 353.644



52, 5.515, 86.292



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, 25.892, 83.691



90, 32.857, 82.867



92, 36.733, 112.354



49, 4.759, 86.419



54, 64.514, 71.747



16, 24.074, 74.321

Inverse Universe

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



78, 25.292, 272.458



79, 31.953, 273.709



71, 39.475, 297.750



47, 4.735, 268.964



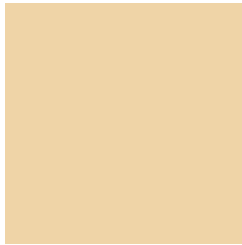
33, 71.320, 294.088



7, 26.514, 287.479

Previews

White Background



This preview shows how the CIELCh color 86, 25.891, 83.685 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, 25.891, 83.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

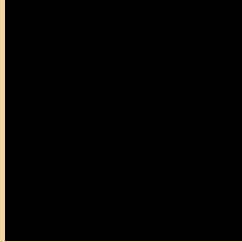
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 25.891, 83.685

Background



This preview shows how black text looks on a background with the CIELCh color 86, 25.891, 83.685.



This preview shows how white text looks on a background with the CIELCh color 86, 25.891, 83.685.

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, 25.891, 83.685

Protanopia

86, 25.088, 95.378

Deuteranopia

86, 27.442, 67.484



Tritanopia
86, 17.153, 351.603

Trichromacy



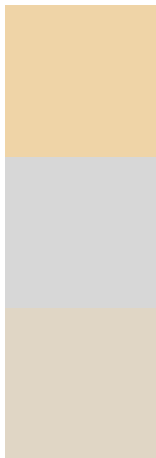
Original Color
86, 25.891, 83.685

Protanomaly
86, 25.142, 90.749

Deuteranomaly
86, 26.419, 73.353

Tritanomaly
86, 13.965, 33.245

Monochromacy



Original Color
86, 25.891, 83.685

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 9.630, 86.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 25.891, 83.685 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(239, 212, 167)` looks like.

```
.text, #text, p{  
    color:rgb(239, 212, 167)  
}
```

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(239, 212, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 212, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 25.891, 83.685 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(239, 212, 167) }
```

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

```
.border{ border-color:rgb(239, 212, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 212, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 212, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 212, 167);  
box-shadow:4px 4px 4px 4px rgb(239, 212,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 25.891, 83.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 212, 167) }
```

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

```
.background{ background-color: rgb(239,  
212, 167) }
```

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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