

Converting Colors

CIELCh(81, 26.867, 67.911)

Have a look what the booklet for
CIELCh(81, 26.867, 67.911) contains.

CIELCh(81, 26.898, 67.895)	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(81, 26.898, 67.895)

Conversions

Conversions Part 1

Format	Color
Hex	ECC19B
RGB	236, 193, 155
RGB Percent	93%, 76%, 61%
CMY	0.0737, 0.2423, 0.3914
CMYK	0.00, 0.18, 0.34, 0.07
HSL	28°, 68%, 77%
HSV	28°, 34%, 93%
XYZ	59.7098, 58.4711, 39.2349
YIQ	201.5250, 37.8260, -2.7020

Conversions

Conversions Part 2

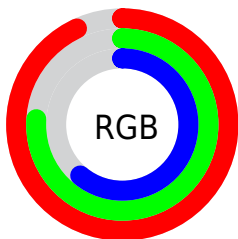
Format	Color
R _Y B	236, 227, 155
Decimal	15516059
CIE Lab	81.00, 10.12, 24.92
CIE LCh	81, 26.898, 67.895
Yxy	58.4711, 0.3793, 0.3714
Android (android.graphics.Color)	4293706139 (0xFFECC19B)
YUV	201.5250, -22.9368, 30.2346
Hunter-Lab	76.4664, 5.5678, 23.1048

Details

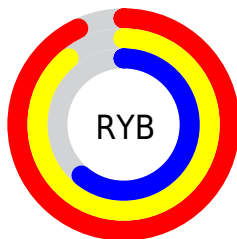
The CIELCh color **81, 26.898, 67.895** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 23.947, 257.537**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 19.913, 102.195**, and **61, 26.693, 66.823** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.673, 66.710**, and if you desaturate by 10%, it is **85, 18.552, 69.094**.

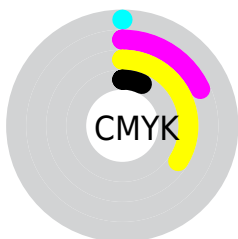
Distribution



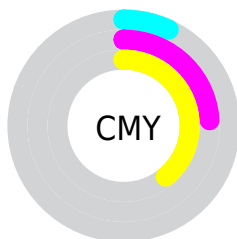
- Red (93%)
- Green (76%)
- Blue (61%)



- Red (93%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 26.898, 67.895 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 81, 26.898, 67.895 by changing the saturation by 10% instead.

 81, 26.898, 67.895

 81, 26.898, 67.895

 100, 26.898,
67.895

 71, 26.898, 67.895

 61, 26.898, 67.895

 51, 26.898, 67.895

 41, 26.898, 67.895

 31, 26.898, 67.895

 21, 26.898, 67.895

 11, 26.898, 67.895

 1, 26.898, 67.895

 0, 26.898, 67.895

81, 26.898, 67.895

81, 26.898, 67.895

78, 35.673, 66.710

85, 18.552, 69.094

74, 44.836, 65.515

88, 10.632, 70.274

71, 54.249, 64.288

92, 3.111, 71.361

68, 63.587, 62.950

96, 4.047, 252.782

65, 72.183, 61.317

99, 6.443, 199.100

62, 78.918, 59.041

61, 81.861, 57.485

Harmonies

Complementary

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



81, 26.898, 67.895



78, 23.947, 257.537

Rectangle

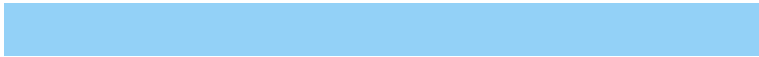
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 26.898, 67.895



81, 26.898, 117.895



81, 26.898, 247.895



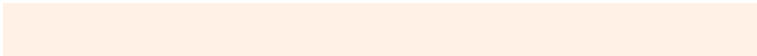
81, 26.898, 297.895

Sweetspot

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



81, 26.898, 67.902



96, 7.824, 70.763



73, 37.574, 345.071



51, 5.358, 70.602



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 26.898, 67.902



84, 34.844, 67.082



91, 39.859, 105.382



47, 4.148, 70.828



47, 66.789, 58.184



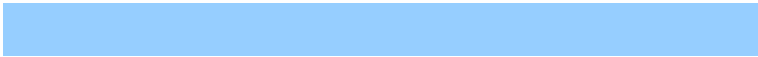
12, 22.211, 57.642

Inverse Universe

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



78, 23.947, 257.537



81, 30.211, 259.112



68, 43.202, 293.333



47, 4.038, 253.273



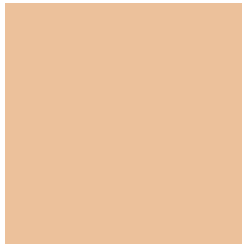
41, 52.398, 280.798



10, 19.511, 272.350

Previews

White Background



This preview shows how the CIELCh color 81, 26.898, 67.895 looks on a white background.

Color Contrast Check

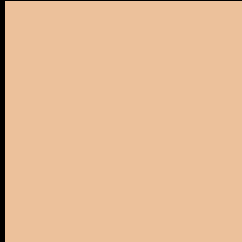
Large Text (above 18pt) WCAG AA × Fail

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 81, 26.898, 67.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

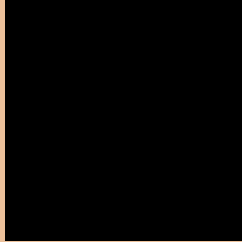
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

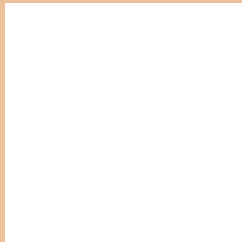
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 26.898, 67.895

Background



This preview shows how black text looks on a background with the CIELCh color 81, 26.898, 67.895.



This preview shows how white text looks on a background with the CIELCh color 81, 26.898, 67.895.

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

81, 26.898, 67.895

Protanopia

81, 22.752, 95.047

Deuteranopia

81, 26.898, 67.895



Tritanopia
81, 21.516, 1.201

Trichromacy



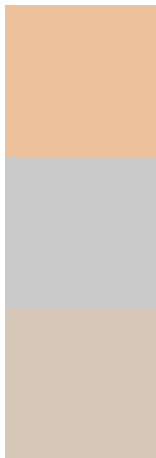
Original Color
81, 26.898, 67.895

Protanomaly
81, 23.294, 83.879

Deuteranomaly
81, 26.898, 67.895

Tritanomaly
81, 19.586, 28.597

Monochromacy



Original Color
81, 26.898, 67.895

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.349, 71.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 26.898, 67.895 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(236, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(236, 193, 155)  
}
```

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(236, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 193, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 26.898, 67.895 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(236, 193, 155) }
```

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

```
.border{ border-color:rgb(236, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(236, 193,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 26.898, 67.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 193, 155) }
```

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

```
.background{ background-color: rgb(236,  
193, 155) }
```

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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