

Converting Colors

CIELCh(81, 26.453, 66.454)

Have a look what the booklet for
CIELCh(81, 26.453, 66.454) contains.

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Color

CIELCh(81, 26.763, 66.600)

Conversions

Conversions Part 1

Format	Color
Hex	EDC19C
RGB	237, 193, 156
RGB Percent	93%, 76%, 61%
CMY	0.0711, 0.2436, 0.3887
CMYK	0.00, 0.19, 0.34, 0.07
HSL	27°, 69%, 77%
HSV	27°, 34%, 93%
XYZ	59.9221, 58.4711, 39.5326
YIQ	201.9380, 38.1010, -2.1790

Conversions

Conversions Part 2

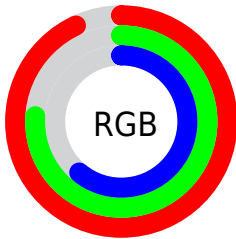
Format	Color
R _Y B	237, 224, 156
Decimal	15581596
CIE Lab	81.00, 10.63, 24.56
CIE LCh	81, 26.763, 66.600
Yxy	58.4711, 0.3794, 0.3702
Android (android.graphics.Color)	4293771676 (0xFFEDC19C)
YUV	201.9380, -22.6474, 30.7494
Hunter-Lab	76.4664, 6.0635, 22.8740

Details

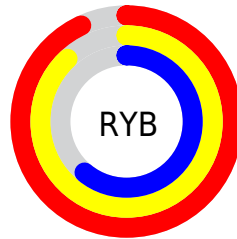
The CIELCh color **81, 26.763, 66.600** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 23.653, 256.048**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 19.410, 102.076**, and **61, 26.566, 65.458** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.562, 65.454**, and if you desaturate by 10%, it is **85, 18.414, 67.765**.

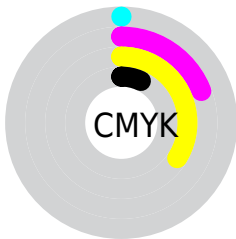
Distribution



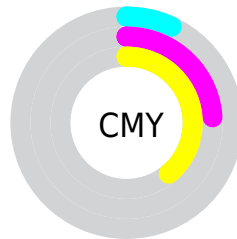
- Red (93%)
- Green (76%)
- Blue (61%)



- Red (93%)
- Yellow (88%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 26.763, 66.600 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, 26.763, 66.600 by changing the saturation by 10% instead.

81, 26.763, 66.600

81, 26.763, 66.600

100, 26.763,
66.600

71, 26.763, 66.600

61, 26.763, 66.600

51, 26.763, 66.600

41, 26.763, 66.600

31, 26.763, 66.600

21, 26.763, 66.600

11, 26.763, 66.600

1, 26.763, 66.600

0, 26.763, 66.600

81, 26.763, 66.600

81, 26.763, 66.600

77, 35.562, 65.454

85, 18.414, 67.765

74, 44.774, 64.305

88, 10.509, 68.917

71, 54.268, 63.133

92, 3.017, 69.973

68, 63.729, 61.858

96, 4.100, 251.384

65, 72.496, 60.294

99, 6.218, 199.118

62, 79.438, 58.089

61, 82.541, 56.535

Harmonies

Complementary

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



81, 26.763, 66.600



79, 23.653, 256.048

Rectangle

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



81, 26.763, 66.600



81, 26.763, 116.600



81, 26.763, 246.600



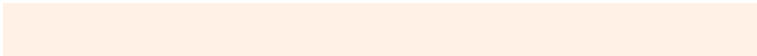
81, 26.763, 296.600

Sweetspot

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



81, 26.763, 66.607



96, 7.774, 69.382



73, 37.925, 344.145



51, 5.324, 69.226



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, 26.763, 66.607



84, 34.738, 65.802



91, 39.215, 104.620



47, 4.121, 69.446



47, 67.179, 57.238



12, 22.245, 56.344

Inverse Universe

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



79, 23.653, 256.048



81, 29.830, 257.634



68, 42.362, 292.650



47, 4.004, 251.855



41, 51.099, 279.423



10, 19.104, 270.874

Previews

White Background



This preview shows how the CIELCh color 81, 26.763, 66.600 looks on a white background.

Color Contrast Check

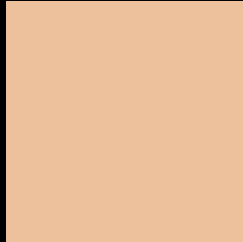
Large Text (above 18pt) WCAG AA × Fail

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 81, 26.763, 66.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

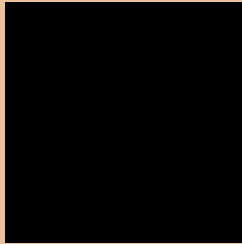
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 26.763, 66.600

Background



This preview shows how black text looks on a background with the CIELCh color 81, 26.763, 66.600.



This preview shows how white text looks on a background with the CIELCh color 81, 26.763, 66.600.

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, 26.763, 66.600

Protanopia

81, 22.240, 94.809

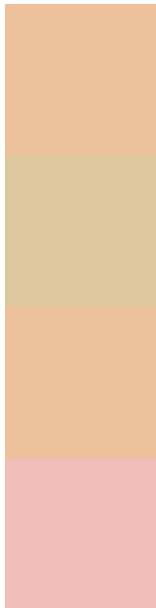
Deuteranopia

81, 26.479, 67.242



Tritanopia
81, 21.875, 1.585

Trichromacy



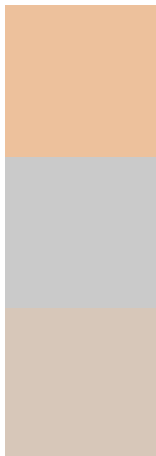
Original Color
81, 26.763, 66.600

Protanomaly
81, 22.809, 83.415

Deuteranomaly
81, 26.479, 67.242

Tritanomaly
81, 19.873, 26.999

Monochromacy



Original Color
81, 26.763, 66.600

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.590, 70.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 26.763, 66.600 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(237, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(237, 193, 156)  
}
```

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(237, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 193, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 26.763, 66.600 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(237, 193, 156) }
```

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

```
.border{ border-color:rgb(237, 193, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(237, 193,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 26.763, 66.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 193, 156) }
```

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

```
.background{ background-color: rgb(237,  
193, 156) }
```

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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