

Converting Colors

CIELCh(81, 27.090, 56.633)

Have a look what the booklet for
CIELCh(81, 27.090, 56.633) contains.

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Color

CIELCh(81, 26.991, 56.241)

Conversions

Conversions Part 1

Format	Color
Hex	F3BEA0
RGB	243, 190, 160
RGB Percent	95%, 75%, 63%
CMY	0.0467, 0.2546, 0.3722
CMYK	0.00, 0.22, 0.34, 0.05
HSL	22°, 78%, 79%
HSV	22°, 34%, 95%
XYZ	61.7732, 58.4711, 41.3228
YIQ	202.4270, 41.2180, 1.9060

Conversions

Conversions Part 2

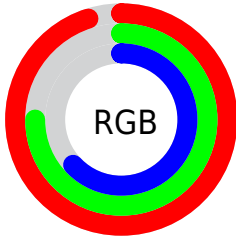
Format	Color
R _Y B	243, 207, 160
Decimal	15974048
CIE Lab	81.00, 15.00, 22.44
CIE LCh	81, 26.991, 56.241
Yxy	58.4711, 0.3823, 0.3619
Android (android.graphics.Color)	4294164128 (0xFFFF3BEA0)
YUV	202.4270, -20.9165, 35.5825
Hunter-Lab	76.4664, 10.3846, 21.4859

Details

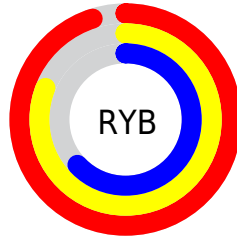
The CIELCh color **81, 26.991, 56.241** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 22.518, 243.735**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.117, 96.999**, and **61, 26.968, 57.346** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.164, 55.516**, and if you desaturate by 10%, it is **85, 18.418, 57.041**.

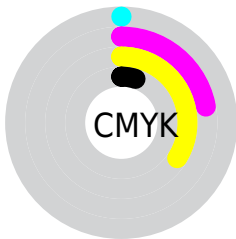
Distribution



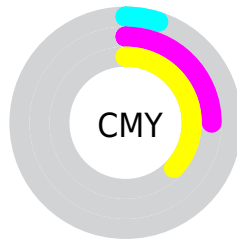
- Red (95%)
- Green (75%)
- Blue (63%)



- Red (95%)
- Yellow (81%)
- Blue (63%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 26.991, 56.241 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, 26.991, 56.241 by changing the saturation by 10% instead.

 81, 26.991, 56.241

 81, 26.991, 56.241

 100, 26.991,
56.241

 71, 26.991, 56.241

 61, 26.991, 56.241

 51, 26.991, 56.241

 41, 26.991, 56.241

 31, 26.991, 56.241

 21, 26.991, 56.241

 11, 26.991, 56.241

 1, 26.991, 56.241

 0, 26.991, 56.241

81, 26.991, 56.241

81, 26.991, 56.241

77, 36.164, 55.516

85, 18.418, 57.041

73, 45.924, 54.854

90, 10.419, 57.873

69, 56.168, 54.244

94, 2.949, 58.630

66, 66.613, 53.611

98, 3.432, 224.317

62, 76.609, 52.757

99, 4.113, 199.306

60, 84.890, 51.256

58, 88.700, 50.084

Harmonies

Complementary

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



81, 26.991, 56.241



83, 22.518, 243.735

Rectangle

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



81, 26.991, 56.241



81, 26.991, 106.241



81, 26.991, 236.241



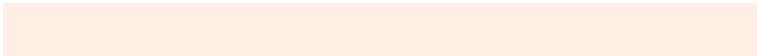
81, 26.991, 286.241

Sweetspot

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



81, 26.990, 56.248



95, 7.548, 58.214



76, 41.248, 339.085



50, 5.175, 58.098



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, 26.990, 56.248



82, 34.539, 55.731



91, 36.417, 99.396



49, 4.142, 58.257



45, 72.176, 50.704



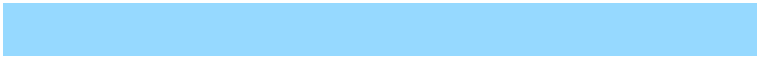
12, 25.377, 47.932

Inverse Universe

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



83, 22.518, 243.735



84, 27.595, 245.129



72, 38.491, 288.121



49, 3.966, 240.218



48, 43.121, 266.707



14, 17.580, 258.662

Previews

White Background



This preview shows how the CIELCh color 81, 26.991, 56.241 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, 26.991, 56.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

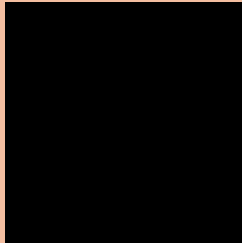
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 26.991, 56.241

Background



This preview shows how black text looks on a background with the CIELCh color 81, 26.991, 56.241.



This preview shows how white text looks on a background with the CIELCh color 81, 26.991, 56.241.

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, 26.991, 56.241

Protanopia

81, 19.584, 94.510

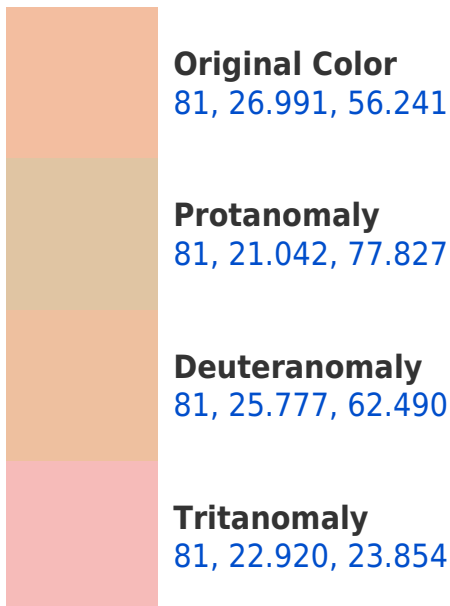
Deuteranopia

81, 24.953, 65.801



Tritanopia
81, 24.458, 4.012

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 26.991, 56.241 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, 190, 160)` looks like.

```
.text, #text, p{  
    color:rgb(243, 190, 160)  
}
```

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, 190, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 190, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 26.991, 56.241 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, 190, 160) }
```

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

```
.border{ border-color:rgb(243, 190, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 190, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 190, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 190, 160);  
box-shadow:4px 4px 4px 4px rgb(243, 190,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 26.991, 56.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 190, 160) }
```

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

```
.background{ background-color: rgb(243,  
190, 160) }
```

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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