

Converting Colors

CIELCh(81, 30.051, 58.586)

Have a look what the booklet for
CIELCh(81, 30.051, 58.586) contains.

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Color

CIELCh(81, 30.173, 58.041)

Conversions

Conversions Part 1

Format	Color
Hex	F6BD9A
RGB	246, 189, 154
RGB Percent	96%, 74%, 60%
CMY	0.0343, 0.2579, 0.3952
CMYK	0.00, 0.23, 0.37, 0.03
HSL	23°, 84%, 79%
HSV	23°, 37%, 97%
XYZ	62.1900, 58.4711, 38.6762
YIQ	202.0530, 45.2070, 1.1990

Conversions

Conversions Part 2

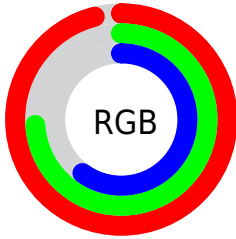
Format	Color
RYB	246, 210, 154
Decimal	16170394
CIELab	81.00, 15.97, 25.60
CIELCh	81, 30.173, 58.041
Yxy	58.4711, 0.3903, 0.3670
Android (android.graphics.Color)	4294360474 (0xFFF6BD9A)
YUV	202.0530, -23.6901, 38.5415
Hunter-Lab	76.4664, 11.3577, 23.5379

Details

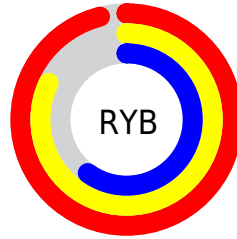
The CIELCh color **81, 30.173, 58.041** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 24.974, 246.951**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.699, 97.207**, and **61, 30.028, 58.273** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.576, 57.234**, and if you desaturate by 10%, it is **85, 21.351, 58.914**.

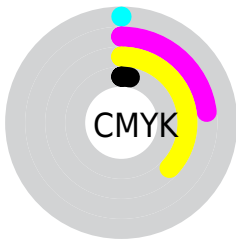
Distribution



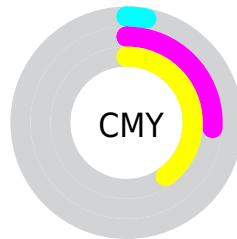
- Red (96%)
- Green (74%)
- Blue (60%)



- Red (96%)
- Yellow (82%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)
- Black (3%)




- Cyan (3%)
- Magenta (26%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 30.173, 58.041 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, 30.173, 58.041 by changing the saturation by 10% instead.

 81, 30.173, 58.041

 81, 30.173, 58.041

 100, 30.173,
58.041

 71, 30.173, 58.041

 61, 30.173, 58.041

 51, 30.173, 58.041

 41, 30.173, 58.041

 31, 30.173, 58.041

 21, 30.173, 58.041

 11, 30.173, 58.041

 1, 30.173, 58.041

 0, 30.173, 58.041

81, 30.173, 58.041

81, 30.173, 58.041

77, 39.576, 57.234

85, 21.351, 58.914

73, 49.522, 56.472

89, 13.099, 59.818

69, 59.856, 55.729

94, 5.376, 60.710

66, 70.191, 54.898

98, 1.867, 242.064

63, 79.687, 53.718

99, 3.030, 199.432

60, 86.961, 51.734

60, 88.641, 51.195

Harmonies

Complementary

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



81, 30.173, 58.041



82, 24.974, 246.951

Rectangle

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



81, 30.173, 58.041



81, 30.173, 108.041



81, 30.173, 238.041



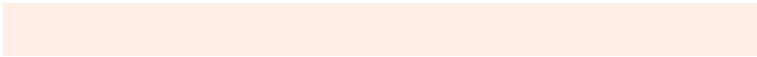
81, 30.173, 288.041

Sweetspot

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



81, 30.172, 58.047



95, 8.354, 60.394



75, 45.039, 340.191



50, 5.639, 60.272



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, 30.172, 58.047



80, 38.377, 57.415



92, 40.856, 99.973



49, 4.154, 60.530



46, 71.423, 51.859



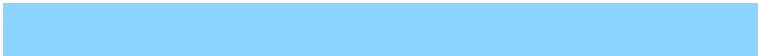
13, 25.198, 49.651

Inverse Universe

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



82, 24.974, 246.951



82, 30.342, 248.683



70, 43.682, 289.554



49, 3.989, 242.608



47, 44.748, 269.589



13, 18.089, 261.561

Previews

White Background



This preview shows how the CIELCh color 81, 30.173, 58.041 looks on a white background.

Color Contrast Check

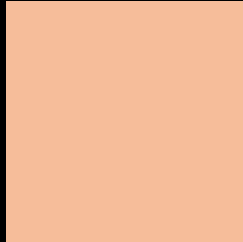
Large Text (above 18pt) WCAG AA × Fail

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, 30.173, 58.041 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, 30.173, 58.041

Background



This preview shows how black text looks on a background with the CIELCh color 81, 30.173, 58.041.



This preview shows how white text looks on a background with the CIELCh color 81, 30.173, 58.041.

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, 30.173, 58.041

Protanopia

81, 22.240, 94.809

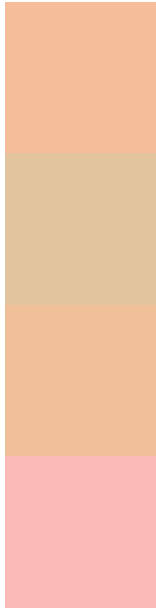
Deuteranopia

81, 28.022, 68.502



Tritanopia
81, 26.719, 5.775

Trichromacy



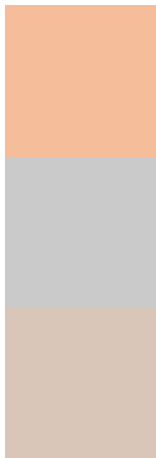
Original Color
81, 30.173, 58.041

Protanomaly
81, 23.794, 78.996

Deuteranomaly
81, 28.783, 65.453

Tritanomaly
81, 25.152, 26.182

Monochromacy



Original Color
81, 30.173, 58.041

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 10.239, 58.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 30.173, 58.041 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(246, 189, 154)` looks like.

```
.text, #text, p{  
    color:rgb(246, 189, 154)  
}
```

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(246, 189, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 189, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 30.173, 58.041 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(246, 189, 154) }
```

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

```
.border{ border-color:rgb(246, 189, 154) }
```

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

Here you see how a box with a 4 pixel rgb(246, 189, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 189, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 189, 154);  
box-shadow:4px 4px 4px 4px rgb(246, 189,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 30.173, 58.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 189, 154) }
```

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

```
.background{ background-color: rgb(246,  
189, 154) }
```

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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