

Converting Colors

CIELCh(81, 27.208, 16.021)

Have a look what the booklet for
CIELCh(81, 27.208, 16.021) contains.

CIELCh(81, 27.105, 16.166)	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, 27.105, 16.166)

Conversions

Conversions Part 1

Format	Color
Hex	FDB7BC
RGB	253, 183, 188
RGB Percent	99%, 72%, 74%
CMY	0.0073, 0.2818, 0.2622
CMYK	0.00, 0.28, 0.26, 0.01
HSL	356°, 95%, 86%
HSV	356°, 28%, 99%
XYZ	66.6160, 58.4711, 55.4297
YIQ	204.5000, 40.1150, 16.3950

Conversions

Conversions Part 2

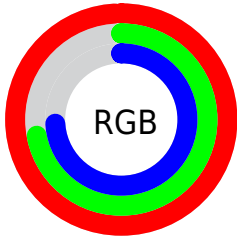
Format	Color
R _Y B	253, 183, 188
Decimal	16627644
CIE Lab	81.00, 26.03, 7.55
CIE LCh	81, 27.105, 16.166
Yxy	58.4711, 0.3690, 0.3239
Android (android.graphics.Color)	4294817724 (0xFFFD B7BC)
YUV	204.5000, -8.1345, 42.5345
Hunter-Lab	76.4664, 21.6894, 10.5478

Details

The CIELCh color **81, 27.105, 16.166** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.016, 191.528**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.252, 355.599**, and **61, 26.855, 16.465** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.046, 17.653**, and if you desaturate by 10%, it is **87, 16.731, 14.990**.

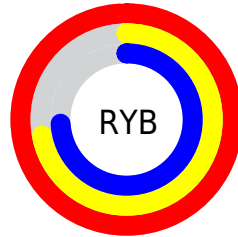
Distribution



Red (99%)

Green (72%)

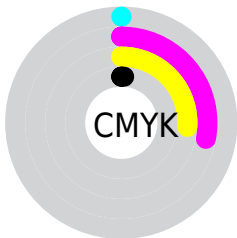
Blue (74%)



Red (99%)

Yellow (72%)

Blue (74%)

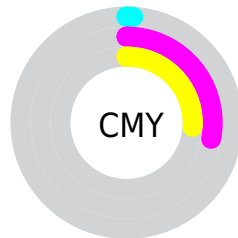


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (1%)



Cyan (1%)

Magenta (28%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 27.105, 16.166 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, 27.105, 16.166 by changing the saturation by 10% instead.

 81, 27.105, 16.166

 81, 27.105, 16.166

 100, 27.105,
16.166

 71, 27.105, 16.166

 61, 27.105, 16.166

 51, 27.105, 16.166

 41, 27.105, 16.166

 31, 27.105, 16.166

 21, 27.105, 16.166

 11, 27.105, 16.166

 1, 27.105, 16.166

 0, 27.105, 16.166

81, 27.105, 16.166

81, 27.105, 16.166

75, 38.046, 17.653

87, 16.731, 14.990

69, 49.395, 19.544

94, 7.005, 14.000

64, 60.875, 21.972

100, 0.643,
200.395

60, 72.116, 25.059

56, 82.711, 28.850

54, 92.203, 33.142

53, 99.736, 37.191

53, 101.135,
37.904

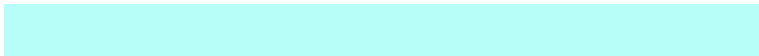
Harmonies

Complementary

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



81, 27.105, 16.166



95, 23.016, 191.528

Rectangle

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



81, 27.105, 16.166



81, 27.105, 66.166



81, 27.105, 196.166



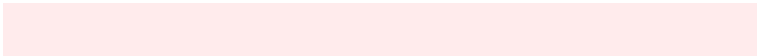
81, 27.105, 246.166

Sweetspot

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



81, 27.103, 16.171



95, 7.374, 14.034



82, 42.967, 323.551



50, 5.268, 14.178



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, 27.103, 16.171



78, 33.086, 16.921



88, 22.190, 62.933



50, 5.268, 14.178



40, 81.271, 37.282



10, 32.804, 24.298

Inverse Universe

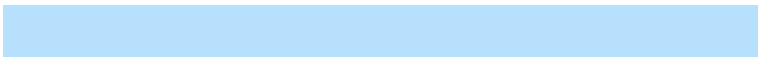
The Inverse Universe completely reimagines the original color for something new.



81, 27.103, 16.171



78, 33.086, 16.921



87, 19.734, 249.811



50, 5.268, 14.178



40, 81.271, 37.282



10, 32.804, 24.298

Previews

White Background



This preview shows how the CIELCh color 81, 27.105, 16.166 looks on a white background.

Color Contrast Check

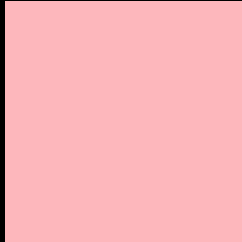
Large Text (above 18pt) WCAG AA × Fail

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, 27.105, 16.166 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, 27.105, 16.166

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.105, 16.166.



This preview shows how white text looks on a background with the CIELCh color 81, 27.105, 16.166.

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, 27.105, 16.166

Protanopia

81, 2.418, 60.291

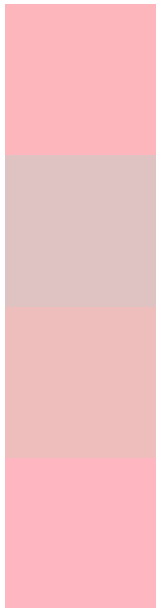
Deuteranopia

81, 13.373, 38.646



Tritanopia
81, 28.233, 6.816

Trichromacy



Original Color
81, 27.105, 16.166

Protanomaly
81, 10.565, 23.037

Deuteranomaly
81, 18.178, 25.778

Tritanomaly
81, 28.035, 9.985

Monochromacy



Original Color
81, 27.105, 16.166

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.766, 13.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.105, 16.166 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(253, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(253, 183, 188)  
}
```

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(253, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 183, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.105, 16.166 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(253, 183, 188) }
```

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

```
.border{ border-color:rgb(253, 183, 188) }
```

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

Here you see how a box with a 4 pixel rgb(253, 183, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(253, 183,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.105, 16.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 183, 188) }
```

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

```
.background{ background-color: rgb(253,  
183, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor