

Converting Colors

CIELCh(81, 27.631, 15.202)

Have a look what the booklet for
CIELCh(81, 27.631, 15.202) contains.

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Color

CIELCh(81, 27.493, 15.193)

Conversions

Conversions Part 1

Format	Color
Hex	FEB7BD
RGB	254, 183, 189
RGB Percent	100%, 72%, 74%
CMY	0.0048, 0.2832, 0.2597
CMYK	0.00, 0.28, 0.26, 0.00
HSL	355°, 97%, 86%
HSV	355°, 28%, 100%
XYZ	66.8407, 58.4711, 55.7860
YIQ	204.9130, 40.3900, 16.9180

Conversions

Conversions Part 2

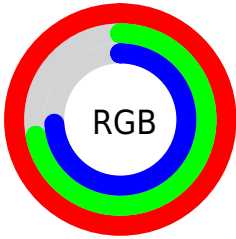
Format	Color
RYB	254, 183, 189
Decimal	16693181
CIELab	81.00, 26.53, 7.21
CIElCh	81, 27.493, 15.193
Yxy	58.4711, 0.3691, 0.3229
Android (android.graphics.Color)	4294883261 (0xFFFE7BD)
YUV	204.9130, -7.8451, 43.0493
Hunter-Lab	76.4664, 22.2139, 10.2715

Details

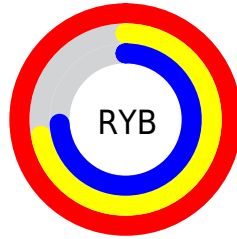
The CIELCh color **81, 27.493, 15.193** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.413, 190.339**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.476, 351.469**, and **61, 27.697, 14.482** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.426, 16.710**, and if you desaturate by 10%, it is **87, 17.098, 13.988**.

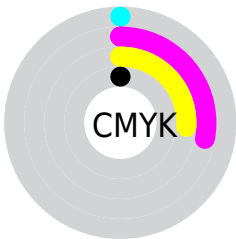
Distribution



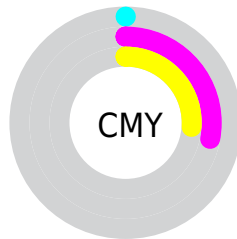
- Red (100%)
- Green (72%)
- Blue (74%)



- Red (100%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 27.493, 15.193 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, 27.493, 15.193 by changing the saturation by 10% instead.

 81, 27.493, 15.193

 81, 27.493, 15.193

 100, 27.493,
15.193

 71, 27.493, 15.193

 61, 27.493, 15.193

 51, 27.493, 15.193

 41, 27.493, 15.193

 31, 27.493, 15.193

 21, 27.493, 15.193

 11, 27.493, 15.193

 1, 27.493, 15.193

 0, 27.493, 15.193

81, 27.493, 15.193

81, 27.493, 15.193

75, 38.426, 16.710

87, 17.098, 13.988

69, 49.729, 18.633

94, 7.329, 12.973

64, 61.114, 21.096

100, 0.427,
200.931

60, 72.204, 24.227

56, 82.603, 28.080

54, 91.906, 32.477

53, 99.407, 36.714

53, 100.666,
37.388

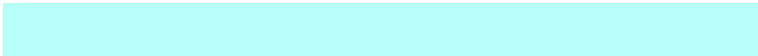
Harmonies

Complementary

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



81, 27.493, 15.193



95, 23.413, 190.339

Rectangle

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



81, 27.493, 15.193



81, 27.493, 65.193



81, 27.493, 195.193



81, 27.493, 245.193

Sweetspot

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



81, 27.490, 15.198



95, 7.387, 12.976



82, 43.357, 323.075



50, 5.277, 13.123



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, 27.490, 15.198



78, 34.163, 16.068



88, 22.449, 61.043



50, 5.277, 13.123



40, 80.697, 36.705



10, 32.710, 23.758

Inverse Universe

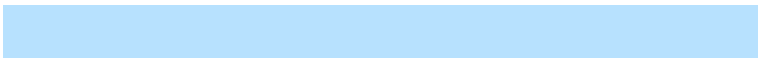
The Inverse Universe completely reimagines the original color for something new.



81, 27.490, 15.198



78, 34.163, 16.068



88, 19.773, 247.738



50, 5.277, 13.123



40, 80.697, 36.705



10, 32.710, 23.758

Previews

White Background



This preview shows how the CIELCh color 81, 27.493, 15.193 looks on a white background.

Color Contrast Check

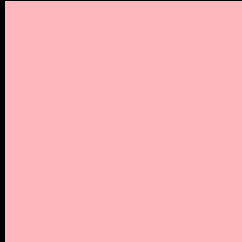
Large Text (above 18pt) WCAG AA × Fail

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, 27.493, 15.193 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, 27.493, 15.193

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.493, 15.193.



This preview shows how white text looks on a background with the CIELCh color 81, 27.493, 15.193.

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, 27.493, 15.193

Protanopia

81, 2.111, 49.340

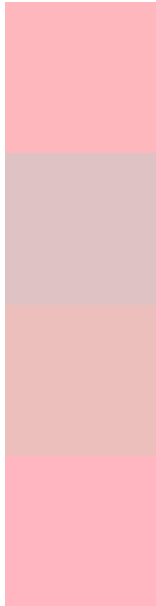
Deuteranopia

81, 12.811, 36.991



Tritanopia
81, 28.607, 7.058

Trichromacy



Original Color
81, 27.493, 15.193

Protanomaly
81, 10.918, 17.457

Deuteranomaly
81, 17.705, 24.183

Tritanomaly
81, 28.417, 10.186

Monochromacy



Original Color
81, 27.493, 15.193

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, 27.493, 15.193 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(254, 183, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 189)  
}
```

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(254, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.493, 15.193 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(254, 183, 189) }
```

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

```
.border{ border-color:rgb(254, 183, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.493, 15.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 189) }
```

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

```
.background{ background-color: rgb(254,  
183, 189) }
```

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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