

Converting Colors

CIELCh(82, 26.074, 7.698)

Have a look what the booklet for
CIELCh(82, 26.074, 7.698) contains.

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Color

CIELCh(82, 26.099, 7.714)

Conversions

Conversions Part 1

Format	Color
Hex	FDBAC6
RGB	253, 186, 198
RGB Percent	99%, 73%, 78%
CMY	0.0065, 0.2693, 0.2222
CMYK	0.00, 0.26, 0.22, 0.01
HSL	349°, 95%, 86%
HSV	349°, 26%, 99%
XYZ	68.4962, 60.2982, 61.6548
YIQ	207.4010, 36.0800, 17.9360

Conversions

Conversions Part 2

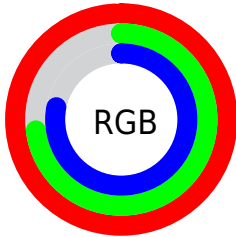
Format	Color
R _Y B	253, 186, 198
Decimal	16628422
CIE Lab	82.00, 25.86, 3.50
CIE LCh	82, 26.099, 7.714
Yxy	60.2982, 0.3597, 0.3166
Android (android.graphics.Color)	4294818502 (0xFFFD ^{BAC6})
YUV	207.4010, -4.6347, 39.9903
Hunter-Lab	77.6519, 21.5628, 7.2807

Details

The CIELCh color **82, 26.099, 7.714** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.206, 182.473**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.100, 324.685**, and **62, 26.138, 7.629** is the 20% darker color. If you saturate the color by 10%, you get **76, 36.756, 9.246**, and if you desaturate by 10%, it is **88, 15.819, 6.456**.

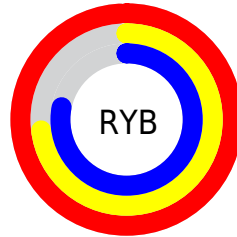
Distribution



Red (99%)

Green (73%)

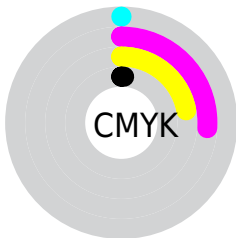
Blue (78%)



Red (99%)

Yellow (73%)

Blue (78%)

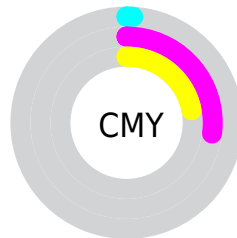


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (1%)



Cyan (1%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 26.099, 7.714 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 82, 26.099, 7.714 by changing the saturation by 10% instead.



82, 26.099, 7.714

82, 26.099, 7.714

76, 36.756, 9.246

88, 15.819, 6.456

70, 47.593, 11.142

95, 6.035, 5.352

65, 58.289, 13.532

100, 0.572,
200.527

61, 68.437, 16.570

57, 77.639, 20.397

55, 85.660, 25.054

53, 92.497, 30.300

53, 94.770, 32.091

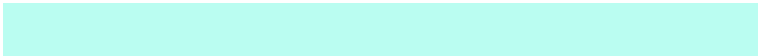
Harmonies

Complementary

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



82, 26.099, 7.714



95, 23.206, 182.473

Rectangle

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



82, 26.099, 7.714



82, 26.099, 57.714



82, 26.099, 187.714



82, 26.099, 237.714

Sweetspot

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



82, 26.096, 7.718



95, 7.555, 5.522



82, 40.100, 320.503



50, 5.391, 5.685



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

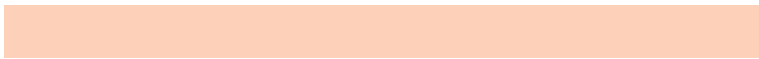
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 26.096, 7.718



79, 32.143, 8.529



87, 21.129, 51.793



50, 5.391, 5.685



40, 75.995, 31.125



10, 32.108, 19.747

Inverse Universe

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



82, 26.096, 7.718



79, 32.143, 8.529



90, 18.130, 236.377



50, 5.391, 5.685



40, 75.995, 31.125



10, 32.108, 19.747

Previews

White Background



This preview shows how the CIELCh color 82, 26.099, 7.714 looks on a white background.

Color Contrast Check

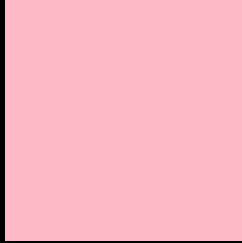
Large Text (above 18pt) WCAG AA × Fail

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 82, 26.099, 7.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

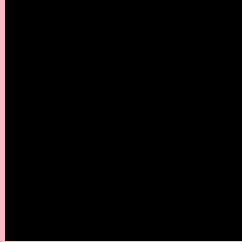
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 26.099, 7.714

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.099, 7.714.

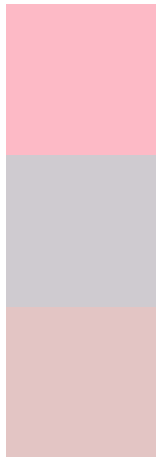


This preview shows how white text looks on a background with the CIELCh color 82, 26.099, 7.714.

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

82, 26.099, 7.714

Protanopia

82, 3.043, 318.847

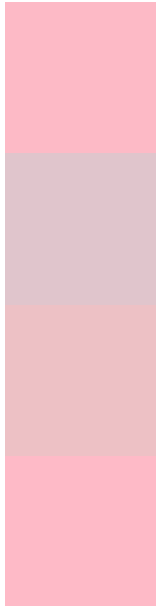
Deuteranopia

82, 11.310, 22.896



Tritanopia
82, 26.641, 5.733

Trichromacy



Original Color
82, 26.099, 7.714

Protanomaly
82, 10.668, 359.971

Deuteranomaly
82, 16.750, 13.539

Tritanomaly
82, 26.552, 6.840

Monochromacy



Original Color
82, 26.099, 7.714

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.142, 6.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.099, 7.714 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, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(253, 186, 198)  
}
```

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, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 186, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.099, 7.714 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, 186, 198) }
```

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

```
.border{ border-color:rgb(253, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(253, 186,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.099, 7.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 186, 198) }
```

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

```
.background{ background-color: rgb(253,  
186, 198) }
```

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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