

Converting Colors

CIELCh(81, 25.898, 15.790)

Have a look what the booklet for
CIELCh(81, 25.898, 15.790) contains.

CIELCh(81, 25.898, 15.790)	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, 25.898, 15.790)

Conversions

Conversions Part 1

Format	Color
Hex	FBB8BD
RGB	251, 184, 189
RGB Percent	98%, 72%, 74%
CMY	0.0156, 0.2784, 0.2588
CMYK	0.00, 0.27, 0.25, 0.02
HSL	356°, 89%, 85%
HSV	356°, 27%, 98%
XYZ	66.1166, 58.4711, 55.9514
YIQ	204.6030, 38.3270, 15.7590

Conversions

Conversions Part 2

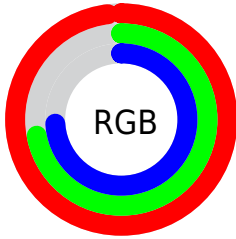
Format	Color
R _Y B	251, 184, 189
Decimal	16496829
CIE Lab	81.00, 24.92, 7.05
CIE LCh	81, 25.898, 15.790
Yxy	58.4711, 0.3662, 0.3239
Android (android.graphics.Color)	4294686909 (0xFFFB8BD)
YUV	204.6030, -7.6923, 40.6902
Hunter-Lab	76.4664, 20.5238, 10.1433

Details

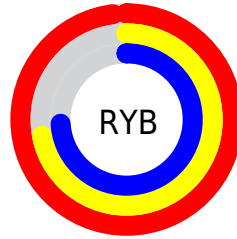
The CIELCh color **81, 25.898, 15.790** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 22.156, 191.314**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.924, 354.146**, and **61, 25.567, 16.001** is the 20% darker color. If you saturate the color by 10%, you get **75, 36.704, 17.247**, and if you desaturate by 10%, it is **87, 15.660, 14.633**.

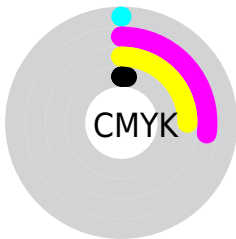
Distribution



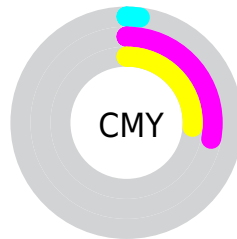
- Red (98%)
- Green (72%)
- Blue (74%)



- Red (98%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (2%)



- Cyan (2%)
- Magenta (28%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 25.898, 15.790 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, 25.898, 15.790 by changing the saturation by 10% instead.

 81, 25.898, 15.790

 81, 25.898, 15.790

 100, 25.898,
15.790

 71, 25.898, 15.790

 61, 25.898, 15.790

 51, 25.898, 15.790

 41, 25.898, 15.790

 31, 25.898, 15.790

 21, 25.898, 15.790

 11, 25.898, 15.790

 1, 25.898, 15.790

 0, 25.898, 15.790

81, 25.898, 15.790

81, 25.898, 15.790

75, 36.704, 17.247

87, 15.660, 14.633

69, 47.928, 19.097

94, 6.063, 13.646

64, 59.304, 21.469

100, 1.385,
199.796

60, 70.472, 24.489

56, 81.031, 28.221

54, 90.554, 32.505

53, 98.285, 36.691

52, 100.311,
37.766

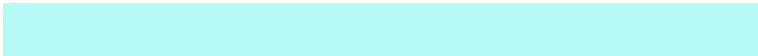
Harmonies

Complementary

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



81, 25.898, 15.790



94, 22.156, 191.314

Rectangle

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



81, 25.898, 15.790



81, 25.898, 65.790



81, 25.898, 195.790



81, 25.898, 245.790

Sweetspot

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



81, 25.896, 15.795



95, 7.377, 13.775



82, 41.187, 323.503



50, 5.270, 13.920



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, 25.896, 15.795



79, 31.980, 16.527



87, 21.205, 63.034



49, 5.183, 13.918



39, 80.290, 37.109



9, 31.676, 23.132

Inverse Universe

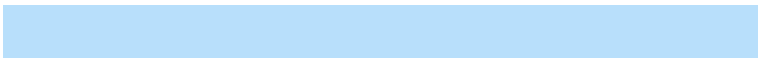
The Inverse Universe completely reimagines the original color for something new.



81, 25.896, 15.795



79, 31.980, 16.527



87, 18.946, 249.636



49, 5.183, 13.918



39, 80.290, 37.109



9, 31.676, 23.132

Previews

White Background



This preview shows how the CIELCh color 81, 25.898, 15.790 looks on a white background.

Color Contrast Check

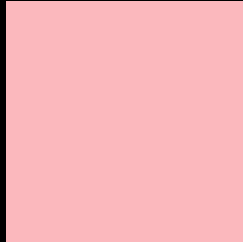
Large Text (above 18pt) WCAG AA × Fail

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, 25.898, 15.790 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, 25.898, 15.790

Background



This preview shows how black text looks on a background with the CIELCh color 81, 25.898, 15.790.



This preview shows how white text looks on a background with the CIELCh color 81, 25.898, 15.790.

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, 25.898, 15.790

Protanopia

81, 2.418, 60.291

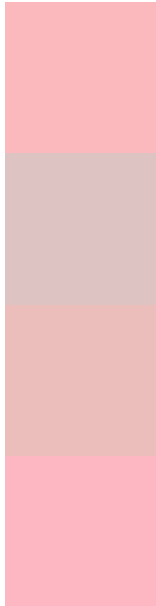
Deuteranopia

81, 12.811, 36.991



Tritanopia
81, 27.090, 6.041

Trichromacy



Original Color
81, 25.898, 15.790

Protanomaly
81, 10.147, 20.150

Deuteranomaly
81, 17.312, 24.229

Tritanomaly
81, 26.866, 9.339

Monochromacy



Original Color
81, 25.898, 15.790

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.389, 13.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 25.898, 15.790 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(251, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(251, 184, 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(251, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 184, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 25.898, 15.790 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(251, 184, 189) }
```

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

```
.border{ border-color:rgb(251, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(251, 184,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 25.898, 15.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 184, 189) }
```

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

```
.background{ background-color: rgb(251,  
184, 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](#).

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