

Converting Colors

CIELCh(81, 23.810, 22.358)

Have a look what the booklet for
CIELCh(81, 23.810, 22.358) contains.

CIELCh(81, 23.672, 22.587)	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, 23.672, 22.587)

Conversions

Conversions Part 1

Format	Color
Hex	F7BAB9
RGB	247, 186, 185
RGB Percent	97%, 73%, 73%
CMY	0.0309, 0.2701, 0.2741
CMYK	0.00, 0.25, 0.25, 0.03
HSL	1°, 80%, 85%
HSV	1°, 25%, 97%
XYZ	64.7541, 58.4711, 53.8359
YIQ	204.1250, 36.6770, 12.6210

Conversions

Conversions Part 2

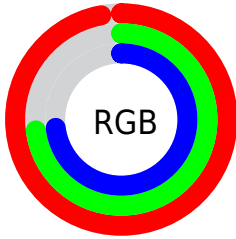
Format	Color
R _Y B	247, 186, 185
Decimal	16235193
CIE Lab	81.00, 21.86, 9.09
CIE LCh	81, 23.672, 22.587
Yxy	58.4711, 0.3657, 0.3302
Android (android.graphics.Color)	4294425273 (0xFFF7BAB9)
YUV	204.1250, -9.4286, 37.6014
Hunter-Lab	76.4664, 17.3431, 11.7836

Details

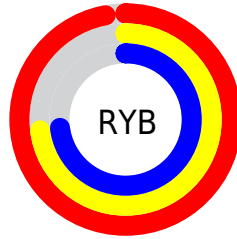
The CIELCh color **81, 23.672, 22.587** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 19.941, 199.663**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 4.660, 25.854**, and **61, 23.687, 23.210** is the 20% darker color. If you saturate the color by 10%, you get **75, 34.386, 23.764**, and if you desaturate by 10%, it is **87, 13.682, 21.690**.

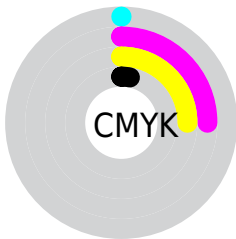
Distribution



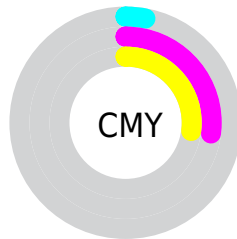
- Red (97%)
- Green (73%)
- Blue (73%)



- Red (97%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 23.672, 22.587 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, 23.672, 22.587 by changing the saturation by 10% instead.

 81, 23.672, 22.587

 81, 23.672, 22.587

 100, 23.672,
22.587

 71, 23.672, 22.587

 61, 23.672, 22.587

 51, 23.672, 22.587

 41, 23.672, 22.587

 31, 23.672, 22.587

 21, 23.672, 22.587

 11, 23.672, 22.587

 1, 23.672, 22.587

 0, 23.672, 22.587

81, 23.672, 22.587

81, 23.672, 22.587

75, 34.386, 23.764

87, 13.682, 21.690

69, 45.741, 25.303

94, 4.435, 20.918

64, 57.544, 27.314

99, 2.727, 199.475

60, 69.486, 29.889

56, 81.111, 33.020

53, 91.649, 36.409

52, 99.418, 39.144

52, 101.922,
40.118

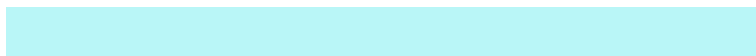
Harmonies

Complementary

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



81, 23.672, 22.587



93, 19.941, 199.663

Rectangle

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



81, 23.672, 22.587



81, 23.672, 72.587



81, 23.672, 202.587



81, 23.672, 252.587

Sweetspot

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



81, 23.670, 22.593



95, 7.231, 21.151



83, 39.115, 325.814



50, 5.170, 21.264



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, 23.670, 22.593



80, 29.590, 23.134



88, 20.207, 72.277



48, 4.999, 21.261



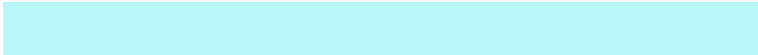
39, 82.324, 40.169



8, 30.665, 25.863

Inverse Universe

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



93, 19.941, 199.663



95, 23.998, 199.472



85, 18.868, 259.232



50, 4.704, 200.392



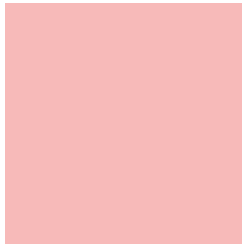
68, 38.663, 198.941



21, 17.241, 198.595

Previews

White Background



This preview shows how the CIELCh color 81, 23.672, 22.587 looks on a white background.

Color Contrast Check

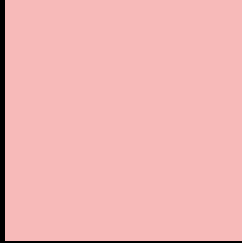
Large Text (above 18pt) WCAG AA × Fail

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, 23.672, 22.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

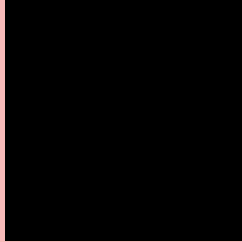
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 23.672, 22.587

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.672, 22.587.



This preview shows how white text looks on a background with the CIELCh color 81, 23.672, 22.587.

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, 23.672, 22.587

Protanopia

81, 4.769, 81.822

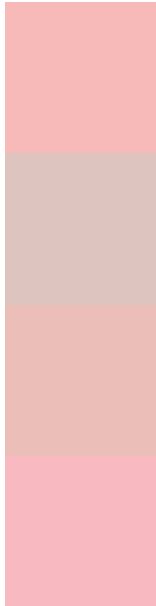
Deuteranopia

81, 14.164, 42.111



Tritanopia
81, 25.584, 4.926

Trichromacy



Original Color
81, 23.672, 22.587

Protanomaly
81, 10.370, 37.830

Deuteranomaly
81, 17.456, 32.831

Tritanomaly
81, 24.371, 11.562

Monochromacy



Original Color
81, 23.672, 22.587

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 8.600, 20.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 23.672, 22.587 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(247, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(247, 186, 185)  
}
```

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(247, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 186, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 23.672, 22.587 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(247, 186, 185) }
```

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

```
.border{ border-color:rgb(247, 186, 185) }
```

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

Here you see how a box with a 4 pixel rgb(247, 186, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(247, 186,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 23.672, 22.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 186, 185) }
```

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

```
.background{ background-color: rgb(247,  
186, 185) }
```

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