

Converting Colors

CIELCh(81, 23.568, 21.530)

Have a look what the booklet for
CIELCh(81, 23.568, 21.530) contains.

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Color

CIELCh(81, 23.612, 21.327)

Conversions

Conversions Part 1

Format	Color
Hex	F7BABA
RGB	247, 186, 186
RGB Percent	97%, 73%, 73%
CMY	0.0312, 0.2704, 0.2704
CMYK	0.00, 0.25, 0.25, 0.03
HSL	0°, 79%, 85%
HSV	0°, 25%, 97%
XYZ	64.8154, 58.4711, 54.3529
YIQ	204.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

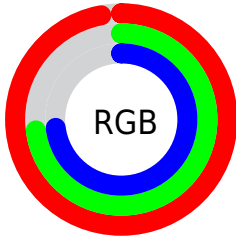
Format	Color
R _Y B	247, 186, 186
Decimal	16235194
CIE Lab	81.00, 22.00, 8.59
CIE LCh	81, 23.612, 21.327
Yxy	58.4711, 0.3649, 0.3292
Android (android.graphics.Color)	4294425274 (0xFFF7BABA)
YUV	204.2390, -8.9918, 37.5014
Hunter-Lab	76.4664, 17.4862, 11.3827

Details

The CIELCh color **81, 23.612, 21.327** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 19.981, 198.166**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 4.629, 19.576**, and **61, 23.608, 21.883** is the 20% darker color. If you saturate the color by 10%, you get **75, 34.433, 22.568**, and if you desaturate by 10%, it is **87, 13.507, 20.374**.

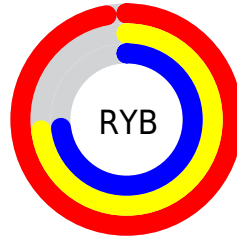
Distribution



Red (97%)

Green (73%)

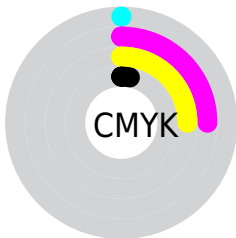
Blue (73%)



Red (97%)

Yellow (73%)

Blue (73%)

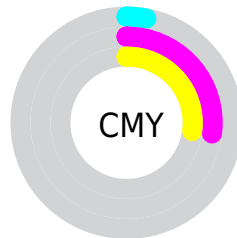


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (3%)



Cyan (3%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 23.612, 21.327 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, 23.612, 21.327 by changing the saturation by 10% instead.

81, 23.612, 21.327

81, 23.612, 21.327

100, 23.612,
21.327

71, 23.612, 21.327

61, 23.612, 21.327

51, 23.612, 21.327

41, 23.612, 21.327

31, 23.612, 21.327

21, 23.612, 21.327

11, 23.612, 21.327

1, 23.612, 21.327

0, 23.612, 21.327

81, 23.612, 21.327

81, 23.612, 21.327

75, 34.433, 22.568

87, 13.507, 20.374

69, 45.878, 24.185

94, 4.146, 19.543

64, 57.734, 26.295

99, 2.751, 199.472

59, 69.673, 29.000

56, 81.236, 32.305

53, 91.683, 35.917

52, 99.403, 38.911

52, 102.097,
40.001

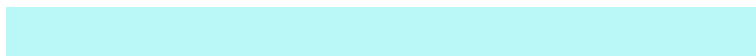
Harmonies

Complementary

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



81, 23.612, 21.327



93, 19.981, 198.166

Rectangle

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



81, 23.612, 21.327



81, 23.612, 71.327



81, 23.612, 201.327



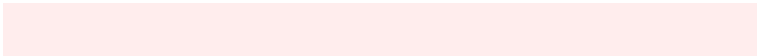
81, 23.612, 251.327

Sweetspot

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



81, 23.610, 21.333



95, 6.404, 19.748



83, 38.485, 325.793



50, 4.171, 19.797



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, 23.610, 21.333



80, 30.036, 21.954



88, 19.862, 72.327



48, 5.080, 19.947



39, 82.549, 40.000



8, 31.023, 25.011

Inverse Universe

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



93, 19.981, 198.166



95, 24.408, 197.920



85, 18.568, 259.158



50, 4.783, 198.972



69, 39.556, 196.399



22, 17.587, 196.397

Previews

White Background



This preview shows how the CIELCh color 81, 23.612, 21.327 looks on a white background.

Color Contrast Check

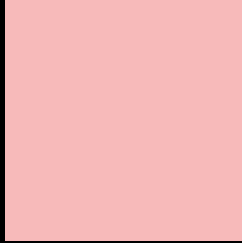
Large Text (above 18pt) WCAG AA × Fail

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, 23.612, 21.327 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, 23.612, 21.327

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.612, 21.327.



This preview shows how white text looks on a background with the CIELCh color 81, 23.612, 21.327.

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, 23.612, 21.327

Protanopia

81, 4.306, 78.607

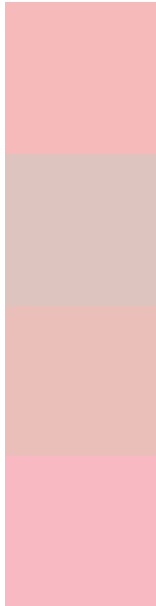
Deuteranopia

81, 13.577, 40.705



Tritanopia
81, 25.216, 4.633

Trichromacy



Original Color
81, 23.612, 21.327

Protanomaly
81, 10.200, 35.054

Deuteranomaly
81, 16.923, 31.385

Tritanomaly
81, 24.418, 10.337

Monochromacy



Original Color
81, 23.612, 21.327

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, 23.612, 21.327 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, 186)` looks like.

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

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, 186) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 81, 23.612, 21.327 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, 186) }
```

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

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

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, 186)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 81, 23.612, 21.327 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, 186) }
```

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

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

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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