

Converting Colors

CIELCh(80, 23.427, 21.291)

Have a look what the booklet for
CIELCh(80, 23.427, 21.291) contains.

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Color

CIELCh(80, 23.693, 21.358)

Conversions

Conversions Part 1

Format	Color
Hex	F4B7B7
RGB	244, 183, 183
RGB Percent	96%, 72%, 72%
CMY	0.0421, 0.2813, 0.2814
CMYK	0.00, 0.25, 0.25, 0.04
HSL	0°, 74%, 84%
HSV	0°, 25%, 96%
XYZ	62.9602, 56.6813, 52.5584
YIQ	201.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

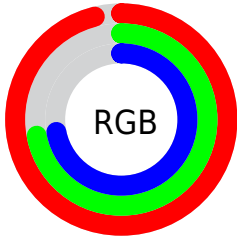
Format	Color
R _Y B	244, 183, 183
Decimal	16037815
CIE Lab	80.00, 22.07, 8.63
CIE LCh	80, 23.693, 21.358
Yxy	56.6813, 0.3656, 0.3292
Android (android.graphics.Color)	4294227895 (0xFFFF4B7B7)
YUV	201.2390, -8.9918, 37.5014
Hunter-Lab	75.2870, 17.5219, 11.3101

Details

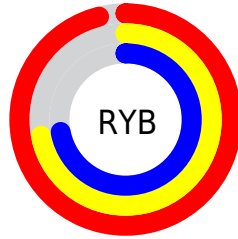
The CIELCh color **80, 23.693, 21.358** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 20.008, 198.155**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.724, 19.680**, and **60, 23.717, 21.937** is the 20% darker color. If you saturate the color by 10%, you get **74, 34.434, 22.607**, and if you desaturate by 10%, it is **86, 13.661, 20.400**.

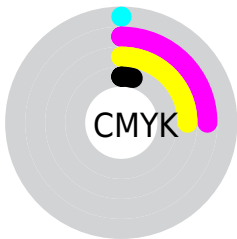
Distribution



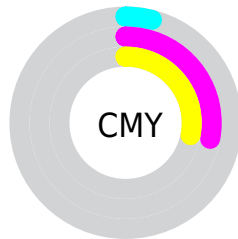
- Red (96%)
- Green (72%)
- Blue (72%)



- Red (96%)
- Yellow (72%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 23.693, 21.358 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 80, 23.693, 21.358 by changing the saturation by 10% instead.

80, 23.693, 21.358

80, 23.693, 21.358

100, 23.693,
21.358

70, 23.693, 21.358

60, 23.693, 21.358

50, 23.693, 21.358

40, 23.693, 21.358

30, 23.693, 21.358

20, 23.693, 21.358

10, 23.693, 21.358

0, 23.693, 21.358

80, 23.693, 21.358

80, 23.693, 21.358

74, 34.434, 22.607

86, 13.661, 20.400

68, 45.787, 24.234

93, 4.364, 19.572

63, 57.541, 26.357

99, 3.707, 199.349

59, 69.368, 29.076

55, 80.808, 32.392

53, 91.119, 36.000

51, 98.677, 38.961

51, 101.224,
40.001

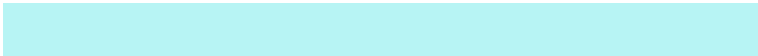
Harmonies

Complementary

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



80, 23.693, 21.358



92, 20.008, 198.155

Rectangle

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



80, 23.693, 21.358



80, 23.693, 71.358



80, 23.693, 201.358



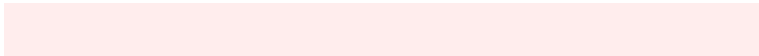
80, 23.693, 251.358

Sweetspot

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



80, 23.691, 21.364



95, 6.404, 19.749



82, 38.576, 325.807



50, 4.171, 19.799



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 23.691, 21.364



80, 30.035, 21.955



87, 19.922, 72.293



48, 5.080, 19.948



39, 82.549, 40.001



8, 31.022, 25.012

Inverse Universe

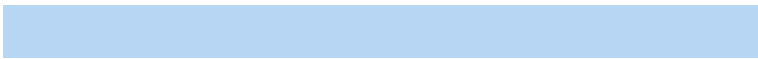
The Inverse Universe completely reimagines the original color for something new.



92, 20.008, 198.155



95, 24.408, 197.922



84, 18.609, 259.209



50, 4.782, 198.974



69, 39.555, 196.402



22, 17.587, 196.400

Previews

White Background



This preview shows how the CIELCh color 80, 23.693, 21.358 looks on a white background.

Color Contrast Check

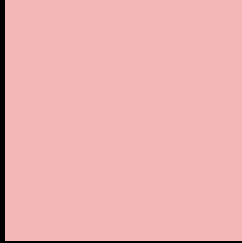
Large Text (above 18pt) WCAG AA × Fail

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 80, 23.693, 21.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

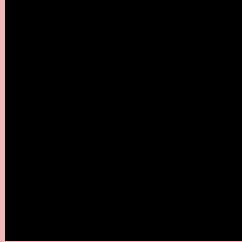
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 23.693, 21.358

Background



This preview shows how black text looks on a background with the CIELCh color 80, 23.693, 21.358.

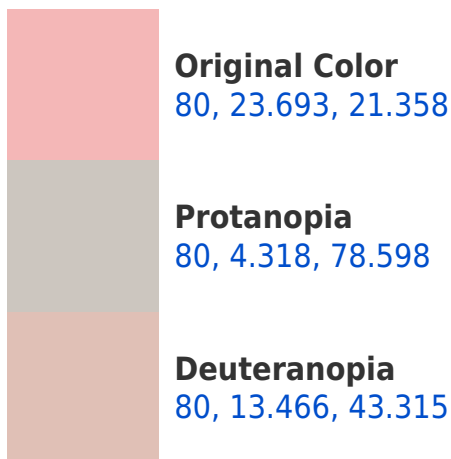


This preview shows how white text looks on a background with the CIELCh color 80, 23.693, 21.358.

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





Tritanopia
80, 25.660, 4.967

Trichromacy



Original Color
80, 23.693, 21.358

Protanomaly
80, 10.234, 35.057

Deuteranomaly
80, 16.720, 33.357

Tritanomaly
80, 24.493, 10.376

Monochromacy



Original Color
80, 23.693, 21.358

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 8.237, 19.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 23.693, 21.358 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(244, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(244, 183, 183)  
}
```

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(244, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 183, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 23.693, 21.358 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(244, 183, 183) }
```

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

```
.border{ border-color:rgb(244, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(244, 183,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 23.693, 21.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 183, 183) }
```

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

```
.background{ background-color: rgb(244,  
183, 183) }
```

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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