

Converting Colors

CIELCh(81, 21.563, 21.145)

Have a look what the booklet for
CIELCh(81, 21.563, 21.145) contains.

CIELCh(81, 21.603, 21.150)	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, 21.603, 21.150)

Conversions

Conversions Part 1

Format	Color
Hex	F3BBBB
RGB	243, 187, 187
RGB Percent	95%, 73%, 73%
CMY	0.0452, 0.2649, 0.2649
CMYK	0.00, 0.23, 0.23, 0.05
HSL	0°, 71%, 84%
HSV	0°, 23%, 95%
XYZ	64.0026, 58.4711, 55.1718
YIQ	203.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

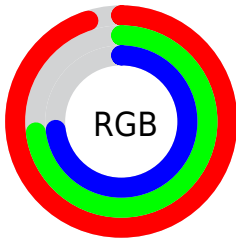
Format	Color
R _Y B	243, 187, 187
Decimal	15973307
CIE Lab	81.00, 20.15, 7.79
CIE LCh	81, 21.603, 21.150
Yxy	58.4711, 0.3603, 0.3291
Android (android.graphics.Color)	4294163387 (0xFFFF3BBB)
YUV	203.7440, -8.2548, 34.4275
Hunter-Lab	76.4664, 15.5889, 10.7477

Details

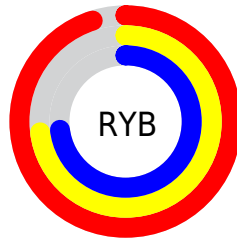
The CIELCh color **81, 21.603, 21.150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 18.511, 198.251**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 4.267, 19.539**, and **61, 21.456, 21.638** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.180, 22.336**, and if you desaturate by 10%, it is **87, 11.742, 20.235**.

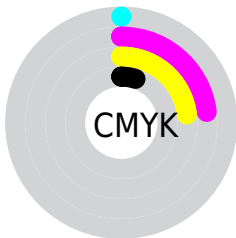
Distribution



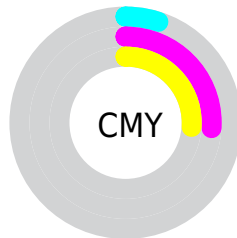
- Red (95%)
- Green (73%)
- Blue (73%)



- Red (95%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (5%)



- Cyan (5%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 21.603, 21.150 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, 21.603, 21.150 by changing the saturation by 10% instead.

81, 21.603, 21.150

81, 21.603, 21.150

100, 21.603,
21.150

71, 21.603, 21.150

61, 21.603, 21.150

51, 21.603, 21.150

41, 21.603, 21.150

31, 21.603, 21.150

21, 21.603, 21.150

11, 21.603, 21.150

1, 21.603, 21.150

0, 21.603, 21.150

81, 21.603, 21.150

81, 21.603, 21.150

75, 32.180, 22.336

87, 11.742, 20.235

69, 43.395, 23.878

94, 2.613, 19.353

64, 55.061, 25.894

99, 3.982, 199.319

59, 66.874, 28.489

55, 78.405, 31.696

53, 89.000, 35.296

51, 97.277, 38.495

51, 100.971,
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, 21.603, 21.150



92, 18.511, 198.251

Rectangle

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



81, 21.603, 21.150



81, 21.603, 71.150



81, 21.603, 201.150



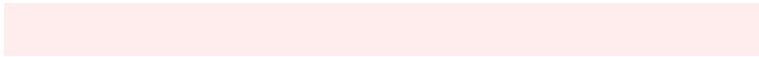
81, 21.603, 251.150

Sweetspot

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



81, 21.601, 21.156



95, 6.404, 19.751



83, 35.450, 325.700



50, 4.171, 19.800



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, 21.601, 21.156



81, 27.822, 21.714



88, 18.218, 72.540



48, 5.079, 19.950



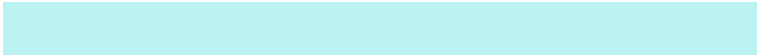
39, 82.549, 40.001



8, 31.022, 25.013

Inverse Universe

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



92, 18.511, 198.251



96, 22.958, 198.014



85, 17.119, 258.850



50, 4.782, 198.976



69, 39.554, 196.405



22, 17.586, 196.403

Previews

White Background



This preview shows how the CIELCh color 81, 21.603, 21.150 looks on a white background.

Color Contrast Check

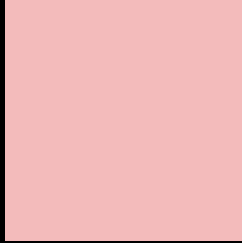
Large Text (above 18pt) WCAG AA × Fail

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, 21.603, 21.150 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, 21.603, 21.150

Background



This preview shows how black text looks on a background with the CIELCh color 81, 21.603, 21.150.

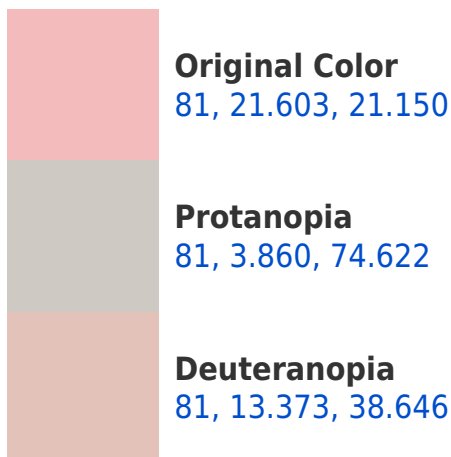


This preview shows how white text looks on a background with the CIELCh color 81, 21.603, 21.150.

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](#).

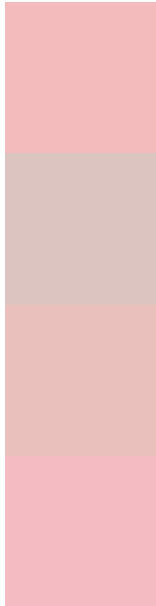
Dichromacy





Tritanopia
81, 23.341, 3.026

Trichromacy



Original Color
81, 21.603, 21.150

Protanomaly
81, 9.303, 33.133

Deuteranomaly
81, 15.996, 30.038

Tritanomaly
81, 22.026, 10.261

Monochromacy



Original Color
81, 21.603, 21.150

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 7.453, 19.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 21.603, 21.150 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(243, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(243, 187, 187)  
}
```

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(243, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 187, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 21.603, 21.150 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(243, 187, 187) }
```

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

```
.border{ border-color:rgb(243, 187, 187) }
```

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

Here you see how a box with a 4 pixel rgb(243, 187, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(243, 187,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 21.603, 21.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 187, 187) }
```

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

```
.background{ background-color: rgb(243,  
187, 187) }
```

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