

Converting Colors

CIELCh(81, 22.045, 13.456)

Have a look what the booklet for
CIELCh(81, 22.045, 13.456) contains.

CIELCh(81, 21.917, 14.349)	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, 21.917, 14.349)

Conversions

Conversions Part 1

Format	Color
Hex	F4BBC0
RGB	244, 187, 192
RGB Percent	96%, 73%, 75%
CMY	0.0438, 0.2673, 0.2477
CMYK	0.00, 0.23, 0.21, 0.04
HSL	355°, 72%, 84%
HSV	355°, 23%, 96%
XYZ	64.4794, 58.4711, 57.6613
YIQ	204.6130, 32.3670, 13.6390

Conversions

Conversions Part 2

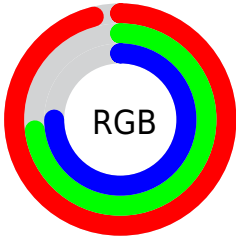
Format	Color
RYB	244, 187, 192
Decimal	16038848
CIELab	81.00, 21.23, 5.43
CIElCh	81, 21.917, 14.349
Yxy	58.4711, 0.3570, 0.3237
Android (android.graphics.Color)	4294228928 (0xFFFF4BBC0)
YUV	204.6130, -6.2182, 34.5424
Hunter-Lab	76.4664, 16.7018, 8.8175

Details

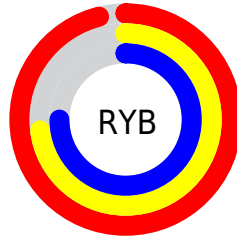
The CIELCh color **81, 21.917, 14.349** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 19.233, 190.418**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 4.971, 348.712**, and **61, 21.731, 14.415** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.265, 15.715**, and if you desaturate by 10%, it is **87, 12.130, 13.249**.

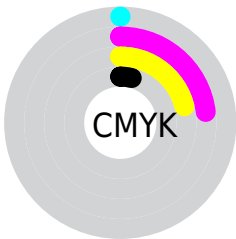
Distribution



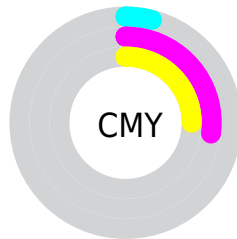
- Red (96%)
- Green (73%)
- Blue (75%)



- Red (96%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 21.917, 14.349 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, 21.917, 14.349 by changing the saturation by 10% instead.

 81, 21.917, 14.349

 81, 21.917, 14.349

 100, 21.917,
14.349

 71, 21.917, 14.349

 61, 21.917, 14.349

 51, 21.917, 14.349


 41, 21.917, 14.349

 31, 21.917, 14.349

 21, 21.917, 14.349

 11, 21.917, 14.349

 1, 21.917, 14.349

 0, 21.917, 14.349

81, 21.917, 14.349

81, 21.917, 14.349

75, 32.265, 15.715

87, 12.130, 13.249

69, 43.055, 17.431

94, 2.957, 12.207

64, 54.058, 19.622

99, 3.859, 199.332

59, 64.945, 22.421

56, 75.335, 25.933

53, 84.858, 30.123

52, 93.050, 34.600

51, 97.398, 37.169

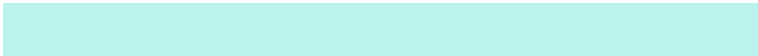
Harmonies

Complementary

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



81, 21.917, 14.349



92, 19.233, 190.418

Rectangle

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



81, 21.917, 14.349



81, 21.917, 64.349



81, 21.917, 194.349



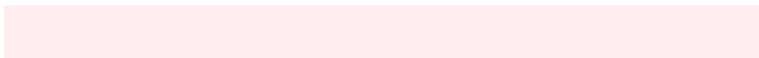
81, 21.917, 244.349

Sweetspot

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



81, 21.915, 14.354



95, 6.445, 12.620



82, 35.061, 322.850



50, 4.196, 12.680



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, 21.915, 14.354



81, 27.632, 14.956



86, 17.886, 61.497



48, 5.105, 12.864



39, 78.870, 36.476



8, 30.502, 21.469

Inverse Universe

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



81, 21.915, 14.354



81, 27.632, 14.956



86, 16.128, 246.954



48, 5.105, 12.864



39, 78.870, 36.476



8, 30.502, 21.469

Previews

White Background



This preview shows how the CIELCh color 81, 21.917, 14.349 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, 21.917, 14.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

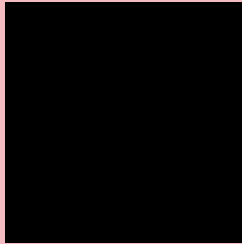
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 21.917, 14.349

Background



This preview shows how black text looks on a background with the CIELCh color 81, 21.917, 14.349.

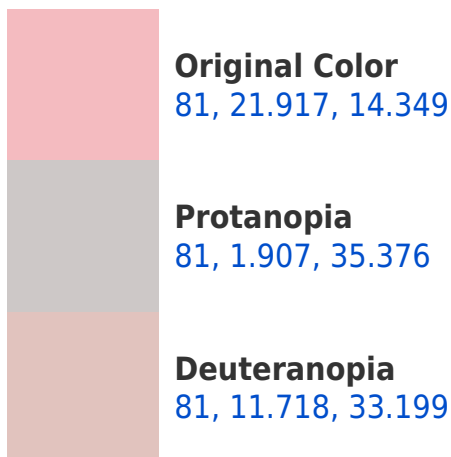


This preview shows how white text looks on a background with the CIELCh color 81, 21.917, 14.349.

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](#).

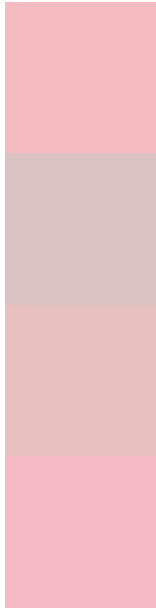
Dichromacy





Tritanopia
81, 23.341, 3.026

Trichromacy



Original Color
81, 21.917, 14.349

Protanomaly
81, 8.999, 16.695

Deuteranomaly
81, 15.255, 22.555

Tritanomaly
81, 23.022, 6.828

Monochromacy



Original Color
81, 21.917, 14.349

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.506, 11.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 21.917, 14.349 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, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(244, 187, 192)  
}
```

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, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 187, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 21.917, 14.349 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, 187, 192) }
```

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

```
.border{ border-color:rgb(244, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(244, 187,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 21.917, 14.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 187, 192) }
```

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

```
.background{ background-color: rgb(244,  
187, 192) }
```

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