

Converting Colors

CIELCh(83, 21.075, 41.405)

Have a look what the booklet for
CIELCh(83, 21.075, 41.405) contains.

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Color

CIELCh(83, 21.218, 42.391)

Conversions

Conversions Part 1

Format	Color
Hex	F6C4B5
RGB	246, 196, 181
RGB Percent	96%, 77%, 71%
CMY	0.0368, 0.2328, 0.2916
CMYK	0.00, 0.20, 0.26, 0.04
HSL	14°, 78%, 84%
HSV	14°, 26%, 96%
XYZ	65.8353, 62.1629, 52.0539
YIQ	209.2400, 34.6150, 5.9350

Conversions

Conversions Part 2

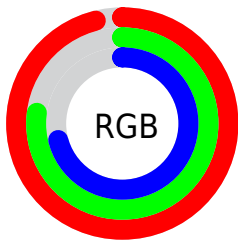
Format	Color
R _Y B	246, 201, 181
Decimal	16172213
CIE Lab	83.00, 15.67, 14.30
CIE LCh	83, 21.218, 42.391
Yxy	62.1629, 0.3656, 0.3452
Android (android.graphics.Color)	4294362293 (0xFFFF6C4B5)
YUV	209.2400, -13.9223, 32.2385
Hunter-Lab	78.8435, 11.0736, 16.0461

Details

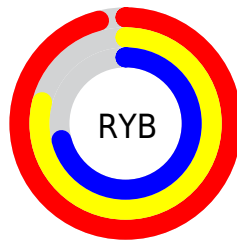
The CIELCh color **83, 21.218, 42.391** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 17.783, 224.714**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.135, 104.498**, and **63, 21.407, 42.226** is the 20% darker color. If you saturate the color by 10%, you get **78, 30.483, 42.367**, and if you desaturate by 10%, it is **88, 12.660, 42.557**.

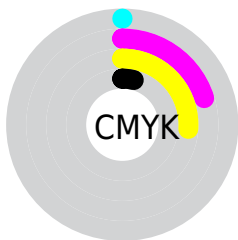
Distribution



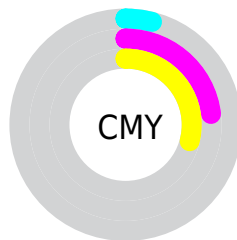
- Red (96%)
- Green (77%)
- Blue (71%)



- Red (96%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 21.218, 42.391 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 83, 21.218, 42.391 by changing the saturation by 10% instead.

 83, 21.218, 42.391

 83, 21.218, 42.391

 100, 21.218,
42.391

 73, 21.218, 42.391

 63, 21.218, 42.391

 53, 21.218, 42.391

 43, 21.218, 42.391

 33, 21.218, 42.391

 23, 21.218, 42.391

 13, 21.218, 42.391

 3, 21.218, 42.391

 0, 21.218, 42.391

83, 21.218, 42.391

83, 21.218, 42.391

78, 30.483, 42.367

88, 12.660, 42.557

73, 40.478, 42.500

93, 4.767, 42.758

69, 51.165, 42.827

99, 2.524, 223.497

65, 62.404, 43.348

99, 3.245, 199.404

61, 73.846, 43.986

58, 84.682, 44.477

55, 93.251, 44.211

54, 95.745, 44.055

Harmonies

Complementary

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



83, 21.218, 42.391



89, 17.783, 224.714

Rectangle

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



83, 21.218, 42.391



83, 21.218, 92.391



83, 21.218, 222.391



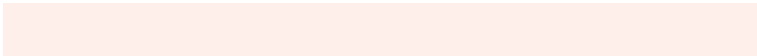
83, 21.218, 272.391

Sweetspot

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



83, 21.217, 42.399



96, 6.131, 42.735



81, 35.367, 332.848



50, 4.384, 42.705



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 21.217, 42.399



83, 27.085, 42.363



91, 25.065, 91.599



48, 4.239, 42.706



42, 77.290, 44.516



11, 27.029, 37.769

Inverse Universe

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



89, 17.783, 224.714



90, 21.741, 225.239



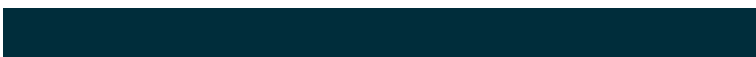
80, 25.300, 278.813



50, 4.001, 223.619



55, 35.435, 242.249



16, 15.424, 235.663

Previews

White Background



This preview shows how the CIELCh color 83, 21.218, 42.391 looks on a white background.

Color Contrast Check

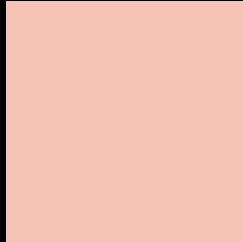
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 83, 21.218, 42.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

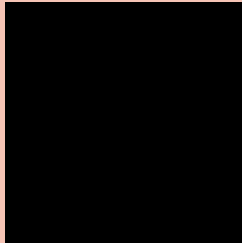
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 21.218, 42.391

Background



This preview shows how black text looks on a background with the CIELCh color 83, 21.218, 42.391.

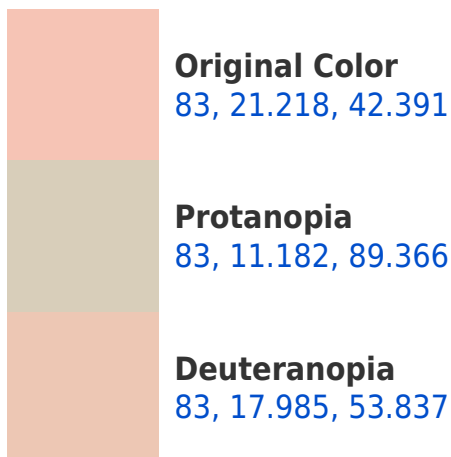


This preview shows how white text looks on a background with the CIELCh color 83, 21.218, 42.391.

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](#).

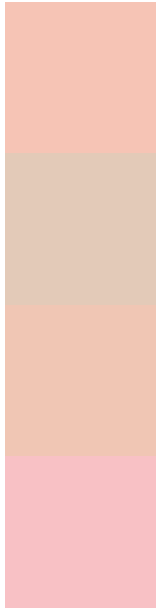
Dichromacy





Tritanopia
83, 22.627, 0.986

Trichromacy



Original Color
83, 21.218, 42.391

Protanomaly
83, 13.544, 64.072

Deuteranomaly
83, 19.066, 50.006

Tritanomaly
83, 20.992, 15.382

Monochromacy



Original Color
83, 21.218, 42.391

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 7.208, 41.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 21.218, 42.391 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(246, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(246, 196, 181)  
}
```

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(246, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 196, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 21.218, 42.391 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(246, 196, 181) }
```

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

```
.border{ border-color:rgb(246, 196, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 196, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 196, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 196, 181);  
box-shadow:4px 4px 4px 4px rgb(246, 196,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 21.218, 42.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 196, 181) }
```

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

```
.background{ background-color: rgb(246,  
196, 181) }
```

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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