

Converting Colors

CIELCh(83, 21.075, 351.405)

Have a look what the booklet for
CIELCh(83, 21.075, 351.405)
contains.

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Color

CIElCh(83, 21.174, 351.411)

Conversions

Conversions Part 1

Format	Color
Hex	F3C1D5
RGB	243, 193, 213
RGB Percent	95%, 76%, 84%
CMY	0.0461, 0.2422, 0.1637
CMYK	0.00, 0.21, 0.12, 0.05
HSL	336°, 68%, 86%
HSV	336°, 21%, 95%
XYZ	68.2143, 62.1629, 71.5169
YIQ	210.2300, 23.3800, 16.8200

Conversions

Conversions Part 2

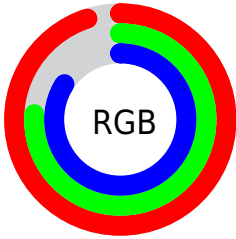
Format	Color
R_{YB}	243, 193, 213
Decimal	15974869
CIE Lab	83.00, 20.94, -3.16
CIE LCh	83, 21.174, 351.411
Yxy	62.1629, 0.3379, 0.3079
Android (android.graphics.Color)	4294164949 (0xFFFF3C1D5)
YUV	210.2300, 1.3656, 28.7393
Hunter-Lab	78.8435, 16.4596, 1.4100

Details

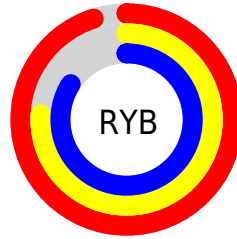
The CIELCh color **83, 21.174, 351.411** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 20.328, 167.500**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **63, 21.078, 351.637** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.786, 352.623**, and if you desaturate by 10%, it is **89, 10.719, 350.346**.

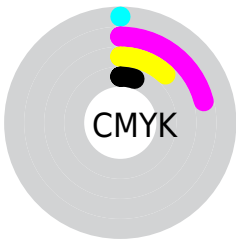
Distribution



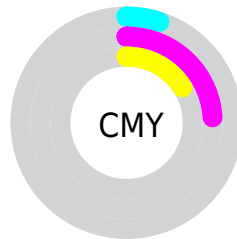
- Red (95%)
- Green (76%)
- Blue (84%)



- Red (95%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 21.174, 351.411 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, 21.174, 351.411 by changing the saturation by 10% instead.


 83, 21.174,
351.411


 83, 21.174,
351.411


 100, 21.174,
351.411


 73, 21.174,
351.411

 63, 21.174,
351.411

 53, 21.174,
351.411

 43, 21.174,
351.411

 33, 21.174,
351.411

 23, 21.174,
351.411

 13, 21.174,

351.411

■ 3, 21.174, 351.411

■ 0, 21.174, 351.411

■ 83, 21.174,
351.411

■ 83, 21.174,
351.411

■ 77, 31.786,
352.623

■ 89, 10.719,
350.346

■ 71, 42.339,
354.036

■ 96, 0.563, 348.561

■ 66, 52.487,
355.729

■ 99, 4.054, 199.312

■ 61, 61.767,
357.809

■ 58, 69.646, 0.419

■ 55, 75.658, 3.738

■ 53, 79.632, 7.938

■ 52, 81.999, 12.682

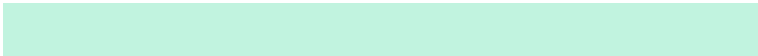
Harmonies

Complementary

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



83, 21.174, 351.411



92, 20.328, 167.500

Rectangle

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



83, 21.174, 351.411



83, 21.174, 41.411



83, 21.174, 171.411



83, 21.174, 221.411

Sweetspot

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



83, 21.171, 351.414



96, 6.284, 349.877



82, 28.579, 313.376



51, 4.173, 349.946



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, 21.171, 351.414



84, 26.888, 351.938



84, 17.436, 29.278



48, 5.790, 350.236



40, 66.952, 11.709



9, 29.666, 3.994

Inverse Universe

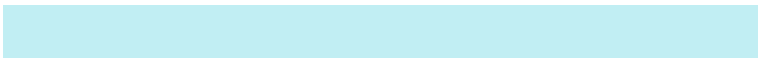
The Inverse Universe completely reimagines the original color for something new.



83, 21.171, 351.414



84, 26.888, 351.938



91, 15.138, 208.394



48, 5.790, 350.236



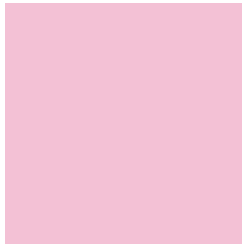
40, 66.952, 11.709



9, 29.666, 3.994

Previews

White Background



This preview shows how the CIELCh color 83, 21.174, 351.411 looks on a white background.

Color Contrast Check

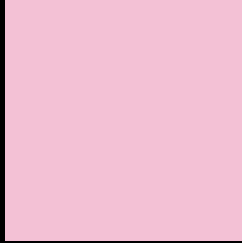
Large Text (above 18pt) WCAG AA × Fail

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, 21.174, 351.411 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, 21.174, 351.411

Background



This preview shows how black text looks on a background with the CIELCh color 83, 21.174, 351.411.



This preview shows how white text looks on a background with the CIELCh color 83, 21.174, 351.411.

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
83, 21.174, 351.411

Protanopia
83, 7.947, 293.414

Deuteranopia
83, 10.542, 346.850



Tritanopia
83, 19.784, 357.595

Trichromacy



Original Color
83, 21.174, 351.411

Protanomaly
83, 11.348, 327.906

Deuteranomaly
83, 14.507, 350.031

Tritanomaly
83, 20.168, 354.811

Monochromacy



Original Color
83, 21.174, 351.411

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 7.563, 350.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 21.174, 351.411 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, 193, 213)` looks like.

```
.text, #text, p{  
    color:rgb(243, 193, 213)  
}
```

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, 193, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 193, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 21.174, 351.411 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, 193, 213) }
```

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

```
.border{ border-color:rgb(243, 193, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 193, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 193, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 193, 213);  
box-shadow:4px 4px 4px 4px rgb(243, 193,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 21.174, 351.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 193, 213) }
```

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

```
.background{ background-color: rgb(243,  
193, 213) }
```

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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