

Converting Colors

CIELCh(83, 23.354, 17.967)

Have a look what the booklet for
CIELCh(83, 23.354, 17.967) contains.

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Color

CIELCh(83, 22.983, 18.649)

Conversions

Conversions Part 1

Format	Color
Hex	FCC0C2
RGB	252, 192, 194
RGB Percent	99%, 75%, 76%
CMY	0.0125, 0.2478, 0.2399
CMYK	0.00, 0.24, 0.23, 0.01
HSL	358°, 90%, 87%
HSV	358°, 24%, 99%
XYZ	68.5989, 62.1629, 59.3131
YIQ	210.1680, 35.1180, 13.3420

Conversions

Conversions Part 2

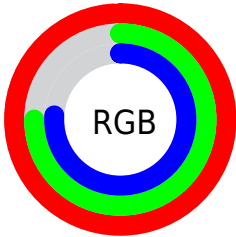
Format	Color
R _Y B	252, 192, 194
Decimal	16564418
CIE Lab	83.00, 21.78, 7.35
CIE LCh	83, 22.983, 18.649
Yxy	62.1629, 0.3609, 0.3270
Android (android.graphics.Color)	4294754498 (0xFFFC0C2)
YUV	210.1680, -7.9708, 36.6867
Hunter-Lab	78.8435, 17.3303, 10.5872

Details

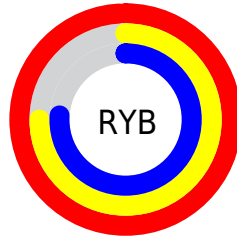
The CIELCh color **83, 22.983, 18.649** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 19.768, 195.190**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.180, 5.747**, and **63, 22.901, 19.019** is the 20% darker color. If you saturate the color by 10%, you get **77, 33.789, 19.940**, and if you desaturate by 10%, it is **90, 12.849, 17.636**.

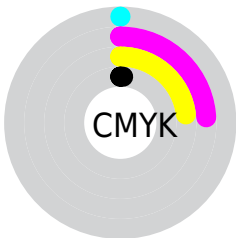
Distribution



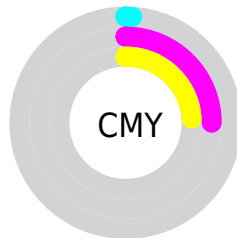
- Red (99%)
- Green (75%)
- Blue (76%)



- Red (99%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (1%)



- Cyan (1%)
- Magenta (25%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 22.983, 18.649 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, 22.983, 18.649 by changing the saturation by 10% instead.

 83, 22.983, 18.649

 83, 22.983, 18.649

 100, 22.983,
18.649

 73, 22.983, 18.649

 63, 22.983, 18.649

 53, 22.983, 18.649

 43, 22.983, 18.649

 33, 22.983, 18.649

 23, 22.983, 18.649

 13, 22.983, 18.649

 3, 22.983, 18.649

 0, 22.983, 18.649

83, 22.983, 18.649

83, 22.983, 18.649

77, 33.789, 19.940

90, 12.849, 17.636

71, 45.164, 21.595

96, 3.422, 16.709

65, 56.892, 23.738

100, 1.111,
199.931

61, 68.644, 26.486

57, 80.003, 29.893

54, 90.421, 33.795

53, 98.845, 37.516

53, 102.289,
39.081

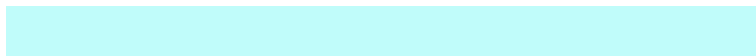
Harmonies

Complementary

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



83, 22.983, 18.649



95, 19.768, 195.190

Rectangle

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



83, 22.983, 18.649



83, 22.983, 68.649



83, 22.983, 198.649



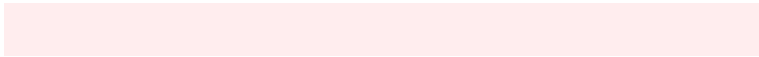
83, 22.983, 248.649

Sweetspot

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



83, 22.981, 18.655



95, 6.408, 17.029



84, 37.357, 324.804



50, 4.173, 17.083



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, 22.981, 18.655



81, 28.793, 19.283



90, 19.115, 68.868



49, 5.167, 17.249



39, 81.931, 38.695



9, 31.953, 24.809

Inverse Universe

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



83, 22.981, 18.655



81, 28.793, 19.283



88, 17.671, 255.210



49, 5.167, 17.249



39, 81.931, 38.695



9, 31.953, 24.809

Previews

White Background



This preview shows how the CIELCh color 83, 22.983, 18.649 looks on a white background.

Color Contrast Check

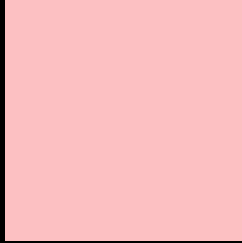
Large Text (above 18pt) WCAG AA × Fail

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 83, 22.983, 18.649 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, 22.983, 18.649

Background



This preview shows how black text looks on a background with the CIELCh color 83, 22.983, 18.649.

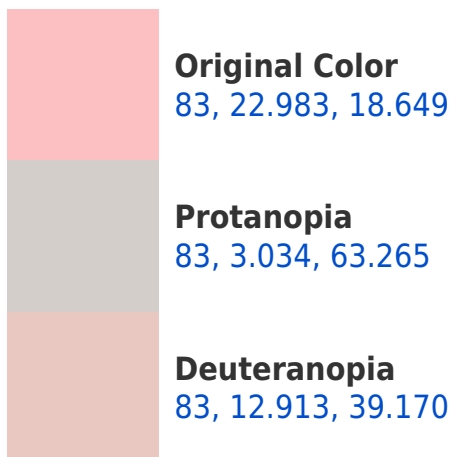


This preview shows how white text looks on a background with the CIELCh color 83, 22.983, 18.649.

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](#).

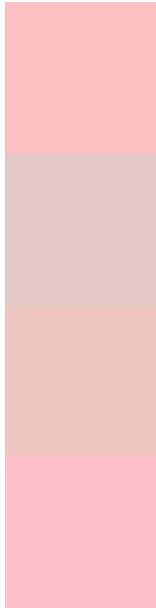
Dichromacy





Tritanopia
83, 24.822, 3.081

Trichromacy



Original Color
83, 22.983, 18.649

Protanomaly
83, 9.417, 26.452

Deuteranomaly
83, 16.181, 28.020

Tritanomaly
83, 23.952, 8.806

Monochromacy



Original Color
83, 22.983, 18.649

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 8.174, 16.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 22.983, 18.649 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(252, 192, 194)` looks like.

```
.text, #text, p{  
    color:rgb(252, 192, 194)  
}
```

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(252, 192, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 192, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 22.983, 18.649 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(252, 192, 194) }
```

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

```
.border{ border-color:rgb(252, 192, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 192, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 192, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 192, 194);  
box-shadow:4px 4px 4px 4px rgb(252, 192,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 22.983, 18.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 192, 194) }
```

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

```
.background{ background-color: rgb(252,  
192, 194) }
```

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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