

Converting Colors

CIELCh(83, 23.570, 13.600)

Have a look what the booklet for
CIELCh(83, 23.570, 13.600) contains.

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Color

CIELCh(83, 23.776, 13.792)

Conversions

Conversions Part 1

Format	Color
Hex	FDBFC5
RGB	253, 191, 197
RGB Percent	99%, 75%, 77%
CMY	0.0079, 0.2510, 0.2275
CMYK	0.00, 0.25, 0.22, 0.01
HSL	354°, 94%, 87%
HSV	354°, 25%, 99%
XYZ	69.2037, 62.1629, 61.1634
YIQ	210.2220, 35.0260, 15.0100

Conversions

Conversions Part 2

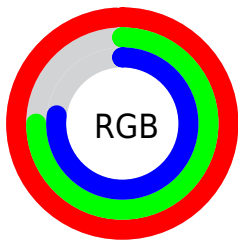
Format	Color
R _Y B	253, 191, 197
Decimal	16629701
CIE Lab	83.00, 23.09, 5.67
CIE LCh	83, 23.776, 13.792
Yxy	62.1629, 0.3594, 0.3229
Android (android.graphics.Color)	4294819781 (0xFFFD BFC5)
YUV	210.2220, -6.5184, 37.5163
Hunter-Lab	78.8435, 18.6996, 9.1958

Details

The CIELCh color **83, 23.776, 13.792** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 20.776, 189.542**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.948, 328.686**, and **63, 23.704, 13.913** is the 20% darker color. If you saturate the color by 10%, you get **77, 34.479, 15.209**, and if you desaturate by 10%, it is **90, 13.625, 12.652**.

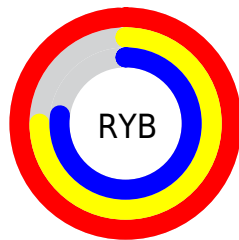
Distribution



Red (99%)

Green (75%)

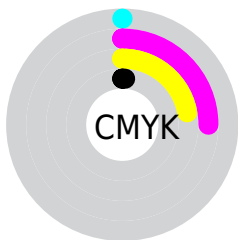
Blue (77%)



Red (99%)

Yellow (75%)

Blue (77%)

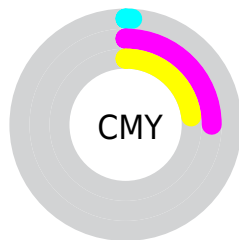


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (1%)



Cyan (1%)

Magenta (25%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 23.776, 13.792 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, 23.776, 13.792 by changing the saturation by 10% instead.

 83, 23.776, 13.792

 83, 23.776, 13.792

 100, 23.776,
13.792

 73, 23.776, 13.792

 63, 23.776, 13.792

 53, 23.776, 13.792

 43, 23.776, 13.792

 33, 23.776, 13.792

 23, 23.776, 13.792

 13, 23.776, 13.792

 3, 23.776, 13.792

 0, 23.776, 13.792

83, 23.776, 13.792

83, 23.776, 13.792

77, 34.479, 15.209

90, 13.625, 12.652

71, 45.594, 16.989

96, 4.094, 11.624

66, 56.868, 19.261

100, 0.702,
200.305

61, 67.947, 22.160

57, 78.435, 25.789

55, 87.971, 30.098

53, 96.106, 34.665

53, 99.758, 36.845

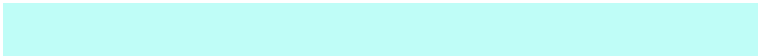
Harmonies

Complementary

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



83, 23.776, 13.792



95, 20.776, 189.542

Rectangle

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



83, 23.776, 13.792



83, 23.776, 63.792



83, 23.776, 193.792



83, 23.776, 243.792

Sweetspot

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



83, 23.774, 13.797



95, 6.455, 11.894



84, 37.884, 322.908



50, 4.202, 11.955



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

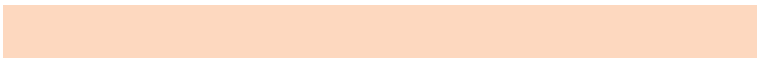
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 23.774, 13.797



81, 28.708, 14.395



89, 19.397, 61.381



50, 5.286, 12.145



40, 80.133, 36.120



10, 32.624, 23.252

Inverse Universe

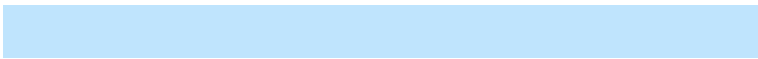
The Inverse Universe completely reimagines the original color for something new.



83, 23.774, 13.797



81, 28.708, 14.395



89, 17.388, 247.146



50, 5.286, 12.145



40, 80.133, 36.120



10, 32.624, 23.252

Previews

White Background



This preview shows how the CIELCh color 83, 23.776, 13.792 looks on a white background.

Color Contrast Check

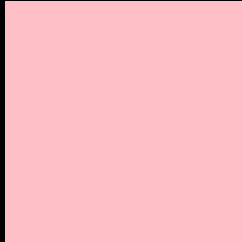
Large Text (above 18pt) WCAG AA × Fail

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, 23.776, 13.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

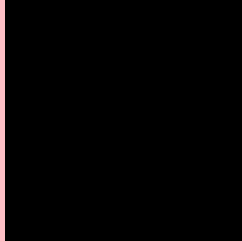
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 23.776, 13.792

Background



This preview shows how black text looks on a background with the CIELCh color 83, 23.776, 13.792.

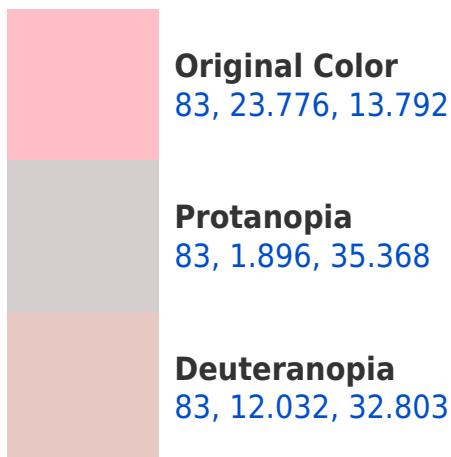


This preview shows how white text looks on a background with the CIELCh color 83, 23.776, 13.792.

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](#).

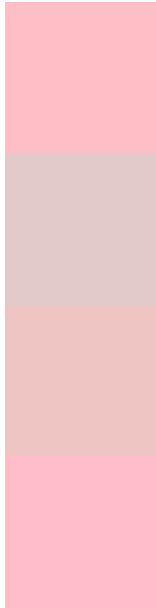
Dichromacy





Tritanopia
83, 25.071, 4.555

Trichromacy



Original Color
83, 23.776, 13.792

Protanomaly
83, 9.323, 16.840

Deuteranomaly
83, 15.950, 22.491

Tritanomaly
83, 24.799, 8.090

Monochromacy



Original Color
83, 23.776, 13.792

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.585, 12.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 23.776, 13.792 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(253, 191, 197)` looks like.

```
.text, #text, p{  
    color:rgb(253, 191, 197)  
}
```

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(253, 191, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 191, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 23.776, 13.792 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(253, 191, 197) }
```

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

```
.border{ border-color:rgb(253, 191, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 191, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 191, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 191, 197);  
box-shadow:4px 4px 4px 4px rgb(253, 191,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 23.776, 13.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 191, 197) }
```

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

```
.background{ background-color: rgb(253,  
191, 197) }
```

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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