

Converting Colors

CIELCh(84, 23.152, 33.720)

Have a look what the booklet for
CIELCh(84, 23.152, 33.720) contains.

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Color

CIELCh(84, 23.272, 33.963)

Conversions

Conversions Part 1

Format	Color
Hex	FEC4BA
RGB	254, 196, 186
RGB Percent	100%, 77%, 73%
CMY	0.0041, 0.2315, 0.2707
CMYK	0.00, 0.23, 0.27, 0.00
HSL	9°, 97%, 86%
HSV	9°, 27%, 100%
XYZ	69.4447, 64.0658, 55.1365
YIQ	212.2020, 37.7780, 9.1860

Conversions

Conversions Part 2

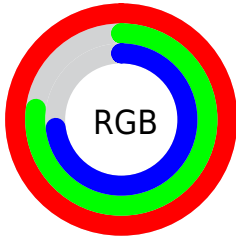
Format	Color
RYB	254, 198, 186
Decimal	16696506
CIELab	84.00, 19.30, 13.00
CIELCh	84, 23.272, 33.963
Yxy	64.0658, 0.3681, 0.3396
Android (android.graphics.Color)	4294886586 (0xFFFE4BA)
YUV	212.2020, -12.9176, 36.6568
Hunter-Lab	80.0411, 14.7970, 15.1867

Details

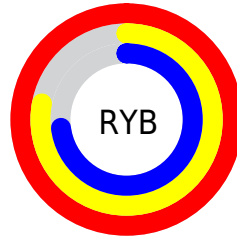
The CIELCh color **84, 23.272, 33.963** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 19.256, 213.962**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.612, 102.456**, and **64, 23.180, 33.792** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.332, 34.465**, and if you desaturate by 10%, it is **90, 13.975, 33.661**.

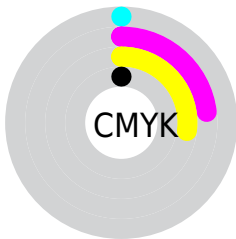
Distribution



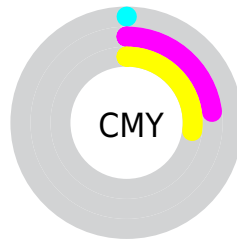
- Red (100%)
- Green (77%)
- Blue (73%)



- Red (100%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.272, 33.963 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 84, 23.272, 33.963 by changing the saturation by 10% instead.

 84, 23.272, 33.963

 84, 23.272, 33.963

 100, 23.272,
33.963

 74, 23.272, 33.963

 64, 23.272, 33.963

 54, 23.272, 33.963

 44, 23.272, 33.963

 34, 23.272, 33.963

 24, 23.272, 33.963

 14, 23.272, 33.963

 4, 23.272, 33.963

 0, 23.272, 33.963

84, 23.272, 33.963

84, 23.272, 33.963

78, 33.332, 34.465

90, 13.975, 33.661

73, 44.151, 35.205

96, 5.412, 33.446

68, 55.646, 36.241

100, 0.363,
201.207

64, 67.621, 37.597

60, 79.663, 39.209

57, 90.870, 40.776

55, 99.338, 41.550

54, 101.458,
41.732

Harmonies

Complementary

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



84, 23.272, 33.963



93, 19.256, 213.962

Rectangle

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



84, 23.272, 33.963



84, 23.272, 83.963



84, 23.272, 213.963



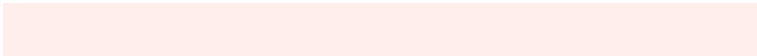
84, 23.272, 263.963

Sweetspot

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



84, 23.270, 33.970



95, 6.445, 33.476



83, 38.959, 329.922



50, 4.609, 33.508



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 23.270, 33.970



81, 28.527, 34.202



92, 24.233, 84.856



50, 4.609, 33.508



41, 81.594, 42.045



11, 30.750, 34.398

Inverse Universe

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



93, 19.256, 213.962



92, 22.622, 214.160



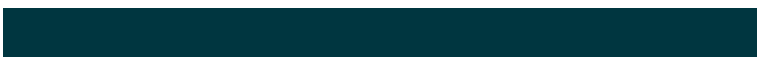
84, 23.807, 272.514



52, 4.333, 213.662



62, 35.123, 224.117



20, 16.249, 220.334

Previews

White Background



This preview shows how the CIELCh color 84, 23.272, 33.963 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 84, 23.272, 33.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

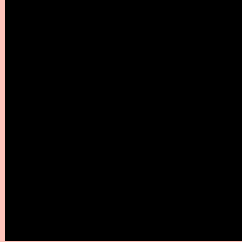
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.272, 33.963

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.272, 33.963.

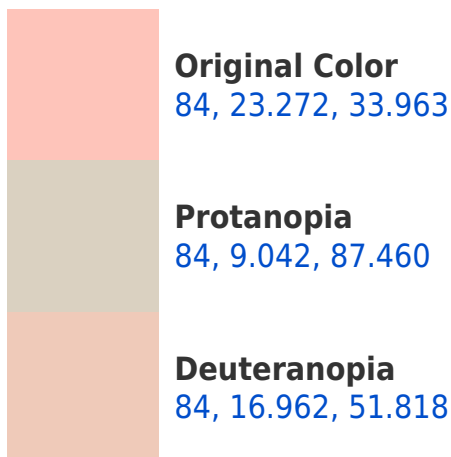


This preview shows how white text looks on a background with the CIELCh color 84, 23.272, 33.963.

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
84, 24.393, 2.722

Trichromacy



Original Color
84, 23.272, 33.963

Protanomaly
84, 12.695, 55.231

Deuteranomaly
84, 18.909, 44.959

Tritanomaly
84, 23.318, 13.596

Monochromacy



Original Color
84, 23.272, 33.963

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 7.965, 31.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.272, 33.963 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(254, 196, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 186)  
}
```

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(254, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.272, 33.963 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(254, 196, 186) }
```

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

```
.border{ border-color:rgb(254, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.272, 33.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 196, 186) }
```

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

```
.background{ background-color: rgb(254,  
196, 186) }
```

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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