

Converting Colors

CIELCh(89, 42.436, 23.965)

Have a look what the booklet for
CIELCh(89, 42.436, 23.965) contains.

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Color

CIELCh(84, 23.461, 22.512)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3C2
RGB	255, 195, 194
RGB Percent	100%, 76%, 76%
CMY	0.0000, 0.2371, 0.2410
CMYK	0.00, 0.24, 0.24, 0.00
HSL	1°, 100%, 88%
HSV	1°, 24%, 100%
XYZ	70.5476, 64.0658, 59.4120
YIQ	212.8260, 36.0810, 12.4090

Conversions

Conversions Part 2

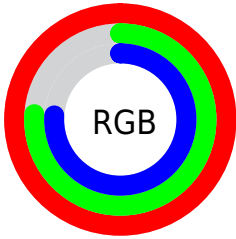
Format	Color
R _Y B	255, 195, 194
Decimal	16761794
CIE _{Lab}	84.00, 21.67, 8.98
CIE _{LCh}	84, 23.461, 22.512
Y _{xy}	64.0658, 0.3636, 0.3302
Android (android.graphics.Color)	4294951874 (0xFFFFC3C2)
YUV	212.8260, -9.2812, 36.9866
Hunter-Lab	80.0411, 17.2566, 12.0196

Details

The CIELCh color **84, 23.461, 22.512** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.713, 199.720**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.449, 63.328**, and **64, 22.983, 23.062** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.155, 23.656**, and if you desaturate by 10%, it is **90, 13.062, 21.630**.

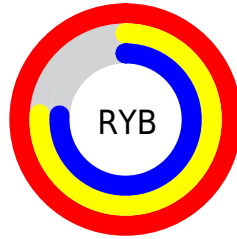
Distribution



Red (100%)

Green (76%)

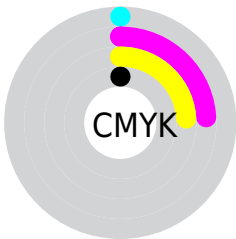
Blue (76%)



Red (100%)

Yellow (76%)

Blue (76%)

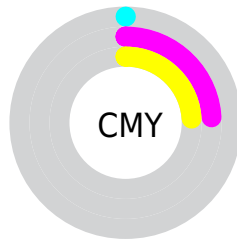


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.461, 22.512 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, 23.461, 22.512 by changing the saturation by 10% instead.

84, 23.461, 22.512

84, 23.461, 22.512

100, 23.461,
22.512

74, 23.461, 22.512

64, 23.461, 22.512

54, 23.461, 22.512

44, 23.461, 22.512

34, 23.461, 22.512

24, 23.461, 22.512

14, 23.461, 22.512

4, 23.461, 22.512

0, 23.461, 22.512

84, 23.461, 22.512

84, 23.461, 22.512

78, 34.155, 23.656

90, 13.062, 21.630

72, 45.747, 25.157

97, 3.652, 20.843

66, 57.823, 27.123

100, 0.012,
296.813

62, 70.076, 29.648

58, 82.054, 32.739

55, 93.009, 36.134

54, 101.320,
38.979

53, 104.379,
40.115

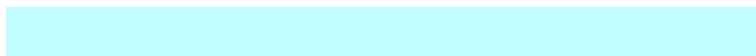
Harmonies

Complementary

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



84, 23.461, 22.512



96, 19.713, 199.720

Rectangle

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



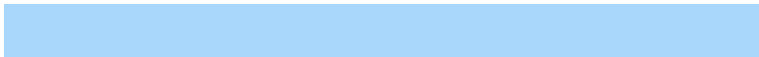
84, 23.461, 22.512



84, 23.461, 72.512



84, 23.461, 202.512



84, 23.461, 252.512

Sweetspot

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



84, 23.233, 22.512



95, 6.300, 21.091



85, 38.548, 325.763



50, 4.104, 21.138



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, 23.233, 22.512



81, 28.489, 23.034



91, 19.867, 72.396



50, 5.169, 21.280



40, 84.002, 40.165



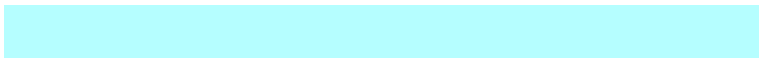
10, 33.027, 27.976

Inverse Universe

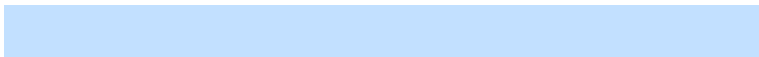
The Inverse Universe completely reimagines the original color for something new.



96, 19.713, 199.720



95, 23.286, 199.529



88, 18.604, 259.058



52, 4.863, 200.407



69, 39.437, 198.977



23, 18.192, 198.659

Previews

White Background



This preview shows how the CIELCh color 84, 23.461, 22.512 looks on a white background.

Color Contrast Check

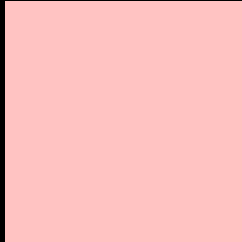
Large Text (above 18pt) WCAG AA × Fail

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 84, 23.461, 22.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

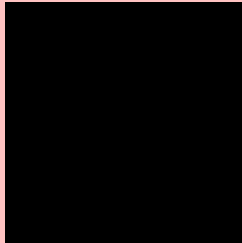
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.461, 22.512

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.461, 22.512.

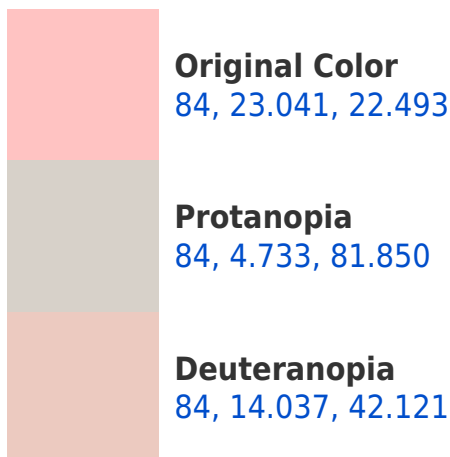


This preview shows how white text looks on a background with the CIELCh color 84, 23.461, 22.512.

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](#).

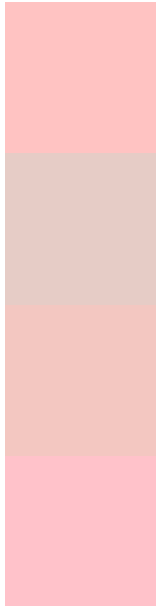
Dichromacy





Tritanopia
84, 24.273, 3.912

Trichromacy



Original Color
84, 23.041, 22.493

Protanomaly
84, 10.280, 37.829

Deuteranomaly
84, 17.156, 31.139

Tritanomaly
84, 23.388, 11.051

Monochromacy



Original Color
84, 23.041, 22.493

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.146, 19.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.461, 22.512 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(255, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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(255, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.461, 22.512 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(255, 195, 194) }
```

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

```
.border{ border-color:rgb(255, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 194); box-shadow:4px 4px 4px 4px rgb(255, 195, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.461, 22.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 194) }
```

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

```
.background{ background-color: rgb(255,  
195, 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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