

Converting Colors

CIELCh(84, 23.631, 30.012)

Have a look what the booklet for
CIELCh(84, 23.631, 30.012) contains.

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Color

CIELCh(84, 23.631, 30.012)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3BC
RGB	255, 195, 188
RGB Percent	100%, 76%, 74%
CMY	0.0000, 0.2345, 0.2619
CMYK	0.00, 0.23, 0.26, 0.00
HSL	6°, 100%, 87%
HSV	6°, 26%, 100%
XYZ	69.9831, 64.0658, 56.3713
YIQ	212.1420, 38.0070, 10.5430

Conversions

Conversions Part 2

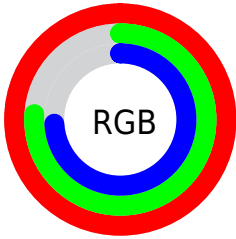
Format	Color
R _Y B	255, 196, 188
Decimal	16761788
CIE Lab	84.00, 20.46, 11.82
CIE LCh	84, 23.631, 30.012
Yxy	64.0658, 0.3675, 0.3364
Android (android.graphics.Color)	4294951868 (0xFFFFC3BC)
YUV	212.1420, -11.9020, 37.5865
Hunter-Lab	80.0411, 15.9977, 14.2720

Details

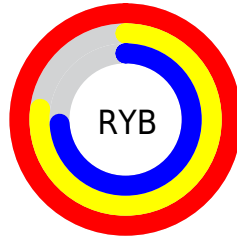
The CIELCh color **84, 23.631, 30.012** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 19.557, 208.951**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.181, 95.099**, and **64, 23.557, 29.667** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.897, 30.779**, and if you desaturate by 10%, it is **90, 13.956, 29.526**.

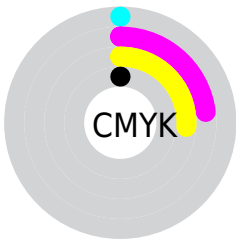
Distribution



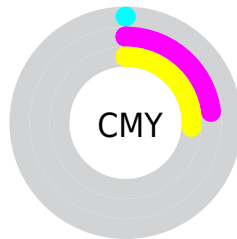
- Red (100%)
- Green (76%)
- Blue (74%)



- Red (100%)
- Yellow (77%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.631, 30.012 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, 23.631, 30.012 by changing the saturation by 10% instead.

 84, 23.631, 30.012

 84, 23.631, 30.012

 100, 23.631,
30.012

 74, 23.631, 30.012

 64, 23.631, 30.012

 54, 23.631, 30.012

 44, 23.631, 30.012

 34, 23.631, 30.012

 24, 23.631, 30.012

 14, 23.631, 30.012

 4, 23.631, 30.012

 0, 23.631, 30.012

84, 23.631, 30.012

84, 23.631, 30.012

78, 33.897, 30.779

90, 13.956, 29.526

73, 44.995, 31.795

96, 5.119, 29.113

68, 56.726, 33.162

100, 0.012,
296.813

63, 68.864, 34.923

59, 80.982, 37.031

57, 92.201, 39.189

55, 100.618,
40.593

54, 102.946,
40.982

Harmonies

Complementary

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



84, 23.631, 30.012



94, 19.557, 208.951

Rectangle

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



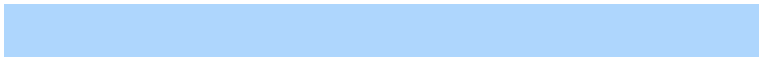
84, 23.631, 30.012



84, 23.631, 80.012



84, 23.631, 210.012



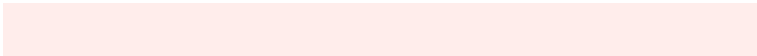
84, 23.631, 260.012

Sweetspot

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



84, 23.541, 30.046



95, 6.663, 29.192



84, 39.130, 328.807



50, 4.765, 29.253



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, 23.541, 30.046



81, 28.424, 30.367



92, 23.145, 81.968



50, 4.765, 29.253



41, 82.608, 41.224



11, 31.407, 32.317

Inverse Universe

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



94, 19.557, 208.951



93, 22.713, 208.998



85, 22.468, 269.501



52, 4.478, 209.045



64, 35.815, 215.235



21, 16.637, 212.699

Previews

White Background



This preview shows how the CIELCh color 84, 23.631, 30.012 looks on a white background.

Color Contrast Check

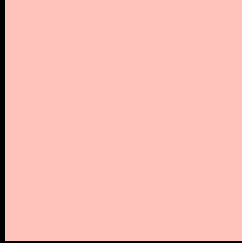
Large Text (above 18pt) WCAG AA × Fail

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, 23.631, 30.012 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, 23.631, 30.012

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.631, 30.012.



This preview shows how white text looks on a background with the CIELCh color 84, 23.631, 30.012.

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

84, 23.631, 30.012

Protanopia

84, 7.922, 87.316

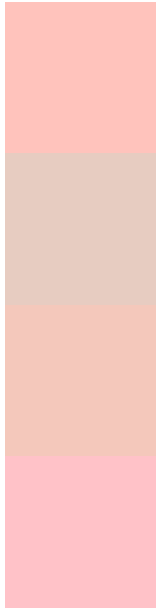
Deuteranopia

84, 16.028, 49.523



Tritanopia
84, 24.273, 3.912

Trichromacy



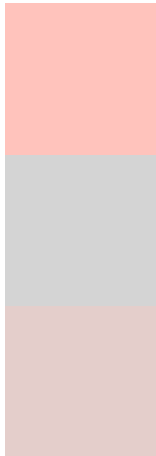
Original Color
84, 23.631, 30.012

Protanomaly
84, 11.791, 49.242

Deuteranomaly
84, 18.422, 42.138

Tritanomaly
84, 23.318, 13.596

Monochromacy



Original Color
84, 23.631, 30.012

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.337, 30.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.631, 30.012 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.631, 30.012 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, 188) }
```

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

```
.border{ border-color:rgb(255, 195, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.631, 30.012 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
195, 188) }
```

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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