

Converting Colors

CIELCh(84, 22.453, 32.869)

Have a look what the booklet for
CIELCh(84, 22.453, 32.869) contains.

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Color

CIELCh(84, 22.718, 32.923)

Conversions

Conversions Part 1

Format	Color
Hex	FDC4BB
RGB	253, 196, 187
RGB Percent	99%, 77%, 73%
CMY	0.0071, 0.2307, 0.2660
CMYK	0.00, 0.23, 0.26, 0.01
HSL	8°, 95%, 86%
HSV	8°, 26%, 99%
XYZ	69.3373, 64.0658, 55.8174
YIQ	212.0170, 36.8610, 9.2850

Conversions

Conversions Part 2

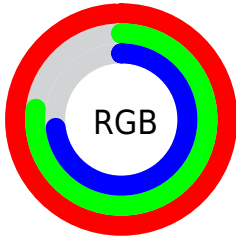
Format	Color
R _Y B	253, 197, 187
Decimal	16630971
CIE Lab	84.00, 19.07, 12.35
CIE LCh	84, 22.718, 32.923
Yxy	64.0658, 0.3664, 0.3386
Android (android.graphics.Color)	4294821051 (0xFFFD C4BB)
YUV	212.0170, -12.3334, 35.9421
Hunter-Lab	80.0411, 14.5576, 14.6823

Details

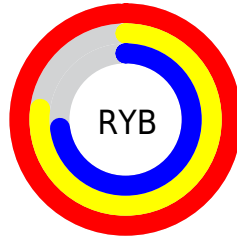
The CIELCh color **84, 22.718, 32.923** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 18.895, 212.645**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.109, 101.783**, and **64, 22.581, 32.678** is the 20% darker color. If you saturate the color by 10%, you get **78, 32.773, 33.474**, and if you desaturate by 10%, it is **90, 13.424, 32.575**.

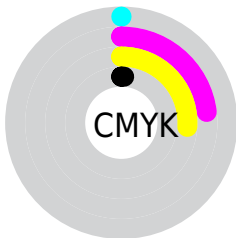
Distribution



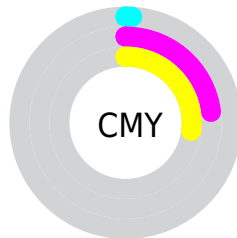
- Red (99%)
- Green (77%)
- Blue (73%)



- Red (99%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (1%)



- Cyan (1%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 22.718, 32.923 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, 22.718, 32.923 by changing the saturation by 10% instead.

84, 22.718, 32.923

84, 22.718, 32.923

100, 22.718,
32.923

74, 22.718, 32.923

64, 22.718, 32.923

54, 22.718, 32.923

44, 22.718, 32.923

34, 22.718, 32.923

24, 22.718, 32.923

14, 22.718, 32.923

4, 22.718, 32.923

0, 22.718, 32.923

84, 22.718, 32.923

84, 22.718, 32.923

78, 32.773, 33.474

90, 13.424, 32.575

73, 43.584, 34.269

96, 4.864, 32.306

68, 55.068, 35.371

100, 0.633,
200.412

64, 67.030, 36.811

60, 79.074, 38.537

57, 90.345, 40.270

55, 99.003, 41.270

54, 101.543,
41.522

Harmonies

Complementary

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



84, 22.718, 32.923



93, 18.895, 212.645

Rectangle

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



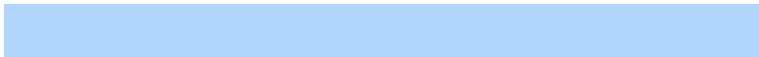
84, 22.718, 32.923



84, 22.718, 82.923



84, 22.718, 212.923



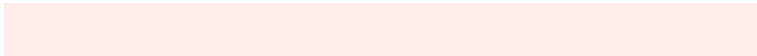
84, 22.718, 262.923

Sweetspot

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



84, 22.716, 32.930



95, 6.496, 32.365



83, 37.849, 329.878



50, 4.646, 32.404



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, 22.716, 32.930



82, 27.737, 33.171



92, 23.519, 84.952



50, 4.646, 32.404



41, 81.874, 41.814



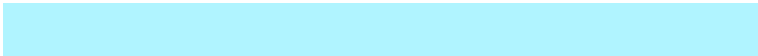
11, 30.910, 33.871

Inverse Universe

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



93, 18.895, 212.645



92, 22.168, 212.790



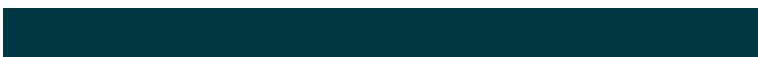
84, 23.117, 272.381



52, 4.367, 212.465



62, 35.225, 221.822



20, 16.322, 218.357

Previews

White Background



This preview shows how the CIELCh color 84, 22.718, 32.923 looks on a white background.

Color Contrast Check

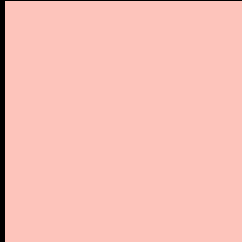
Large Text (above 18pt) WCAG AA × Fail

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, 22.718, 32.923 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, 22.718, 32.923

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.718, 32.923.



This preview shows how white text looks on a background with the CIELCh color 84, 22.718, 32.923.

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, 22.718, 32.923

Protanopia

84, 8.414, 88.592

Deuteranopia

84, 16.663, 50.368



Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 22.718, 32.923

Protanomaly
84, 11.746, 52.309

Deuteranomaly
84, 18.660, 43.568

Tritanomaly
84, 22.933, 13.431

Monochromacy



Original Color
84, 22.718, 32.923

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, 22.718, 32.923 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, 196, 187)` looks like.

```
.text, #text, p{  
    color:rgb(253, 196, 187)  
}
```

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, 196, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 196, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.718, 32.923 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, 196, 187) }
```

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

```
.border{ border-color:rgb(253, 196, 187) }
```

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

Here you see how a box with a 4 pixel rgb(253, 196, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 196, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 196, 187);  
box-shadow:4px 4px 4px 4px rgb(253, 196,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.718, 32.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 196, 187) }
```

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

```
.background{ background-color: rgb(253,  
196, 187) }
```

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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