

Converting Colors

CIELCh(84, 22.705, 9.171)

Have a look what the booklet for
CIELCh(84, 22.705, 9.171) contains.

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Color

CIELCh(84, 22.758, 8.023)

Conversions

Conversions Part 1

Format	Color
Hex	FDC2CC
RGB	253, 194, 204
RGB Percent	99%, 76%, 80%
CMY	0.0064, 0.2378, 0.1986
CMYK	0.00, 0.23, 0.19, 0.01
HSL	350°, 95%, 88%
HSV	350°, 23%, 99%
XYZ	70.9513, 64.0658, 65.9720
YIQ	212.7810, 31.9540, 15.6180

Conversions

Conversions Part 2

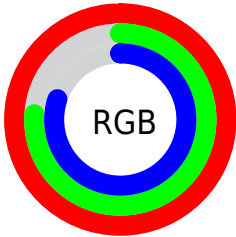
Format	Color
R _Y B	253, 194, 204
Decimal	16630476
CIE Lab	84.00, 22.54, 3.18
CIE LCh	84, 22.758, 8.023
Yxy	64.0658, 0.3530, 0.3188
Android (android.graphics.Color)	4294820556 (0xFFFD C2CC)
YUV	212.7810, -4.3290, 35.2721
Hunter-Lab	80.0411, 18.1570, 7.1604

Details

The CIELCh color **84, 22.758, 8.023** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 20.484, 183.556**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **64, 22.975, 7.988** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.316, 9.459**, and if you desaturate by 10%, it is **91, 12.637, 6.836**.

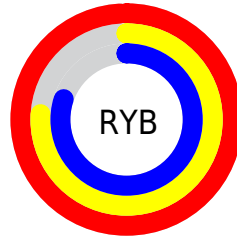
Distribution



Red (99%)

Green (76%)

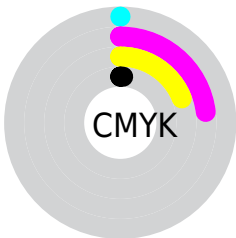
Blue (80%)



Red (99%)

Yellow (76%)

Blue (80%)

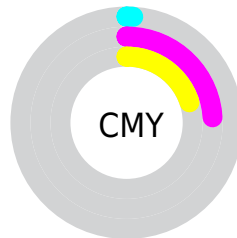


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (1%)



Cyan (1%)

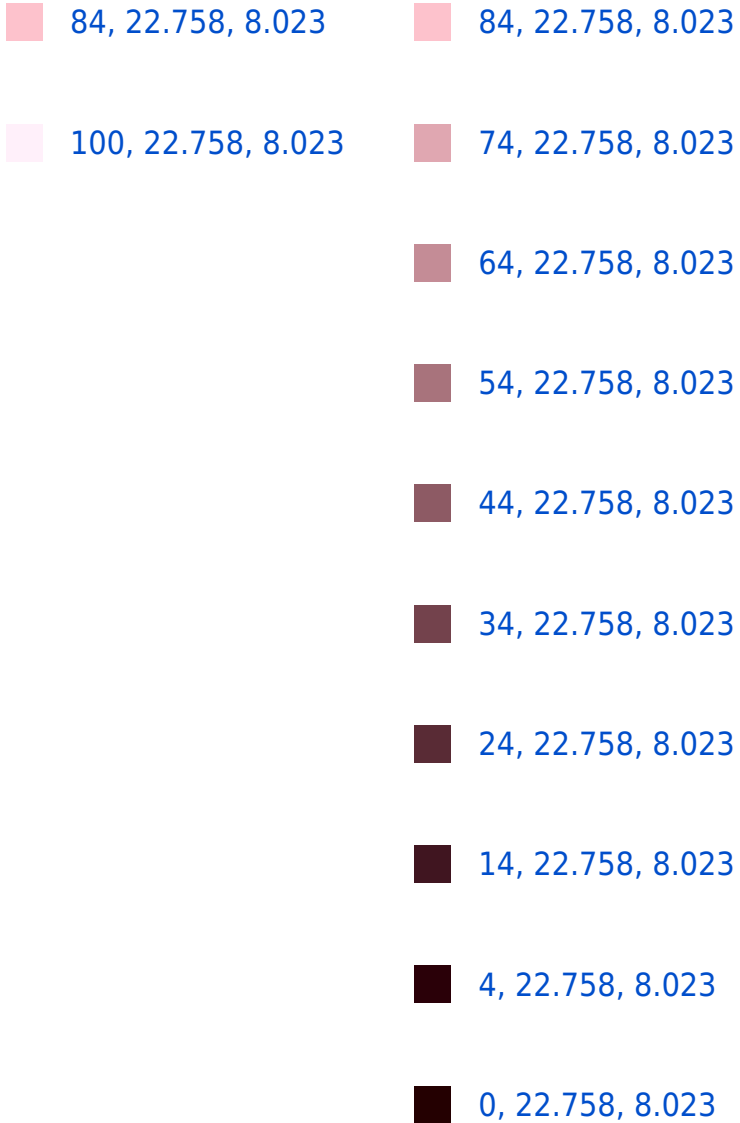
Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 22.758, 8.023 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, 22.758, 8.023 by changing the saturation by 10% instead.



84, 22.758, 8.023

84, 22.758, 8.023

78, 33.316, 9.459

91, 12.637, 6.836

72, 44.152, 11.227

97, 3.043, 5.702

66, 54.984, 13.450

100, 0.567,
200.537

62, 65.433, 16.273

58, 75.087, 19.846

55, 83.643, 24.246

54, 91.006, 29.323

53, 95.393, 32.740

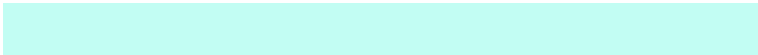
Harmonies

Complementary

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



84, 22.758, 8.023



95, 20.484, 183.556

Rectangle

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



84, 22.758, 8.023



84, 22.758, 58.023



84, 22.758, 188.023



84, 22.758, 238.023

Sweetspot

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



84, 22.755, 8.028



95, 6.571, 6.155



84, 35.270, 320.359



50, 4.277, 6.221



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

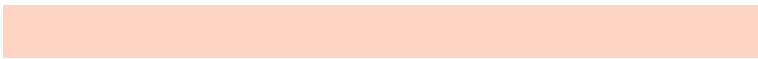
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 22.755, 8.028



81, 27.825, 8.668



88, 18.382, 51.982



50, 5.376, 6.425



40, 76.484, 31.793



10, 32.165, 20.184

Inverse Universe

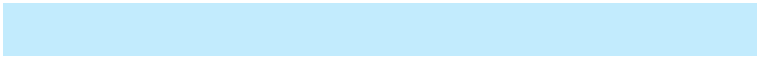
The Inverse Universe completely reimagines the original color for something new.



84, 22.755, 8.028



81, 27.825, 8.668



91, 16.097, 235.962



50, 5.376, 6.425



40, 76.484, 31.793



10, 32.165, 20.184

Previews

White Background



This preview shows how the CIELCh color 84, 22.758, 8.023 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, 22.758, 8.023 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, 22.758, 8.023

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.758, 8.023.



This preview shows how white text looks on a background with the CIELCh color 84, 22.758, 8.023.

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, 22.758, 8.023

Protanopia

84, 2.577, 324.440

Deuteranopia

84, 11.206, 20.212



Tritanopia
84, 23.653, 2.040

Trichromacy



Original Color
84, 22.758, 8.023

Protanomaly
84, 9.382, 0.476

Deuteranomaly
84, 15.077, 14.592

Tritanomaly
84, 23.410, 4.500

Monochromacy



Original Color
84, 22.758, 8.023

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.366, 5.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.758, 8.023 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, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 194, 204)  
}
```

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, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 194, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.758, 8.023 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, 194, 204) }
```

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

```
.border{ border-color:rgb(253, 194, 204) }
```

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

Here you see how a box with a 4 pixel rgb(253, 194, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 194,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.758, 8.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 194, 204) }
```

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

```
.background{ background-color: rgb(253,  
194, 204) }
```

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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