

Converting Colors

CIELCh(89, 13.316, 24.996)

Have a look what the booklet for
CIELCh(89, 13.316, 24.996) contains.

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Color

CIELCh(89, 13.430, 24.739)

Conversions

Conversions Part 1

Format	Color
Hex	FBD7D5
RGB	251, 215, 213
RGB Percent	98%, 84%, 84%
CMY	0.0143, 0.1555, 0.1634
CMYK	0.00, 0.14, 0.15, 0.01
HSL	3°, 84%, 91%
HSV	3°, 15%, 99%
XYZ	76.3451, 74.1641, 73.4623
YIQ	225.5360, 22.0980, 7.0100

Conversions

Conversions Part 2

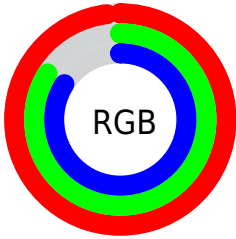
Format	Color
R _Y B	251, 215, 213
Decimal	16504789
CIE Lab	89.00, 12.20, 5.62
CIE LCh	89, 13.430, 24.739
Yxy	74.1641, 0.3409, 0.3311
Android (android.graphics.Color)	4294694869 (0xFFFB7D5)
YUV	225.5360, -6.1802, 22.3319
Hunter-Lab	86.1186, 7.5346, 9.7065

Details

The CIELCh color **89, 13.430, 24.739** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 12.143, 203.573**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 13.491, 25.202** is the 20% darker color. If you saturate the color by 10%, you get **83, 23.237, 25.497**, and if you desaturate by 10%, it is **95, 4.367, 24.112**.

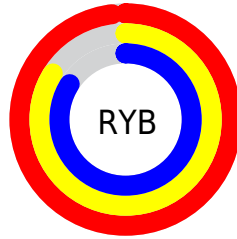
Distribution



Red (98%)

Green (84%)

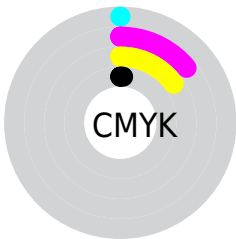
Blue (84%)



Red (98%)

Yellow (84%)

Blue (84%)

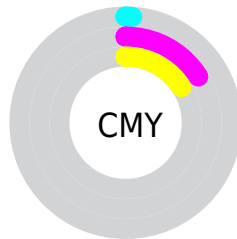


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 13.430, 24.739 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 89, 13.430, 24.739 by changing the saturation by 10% instead.

 89, 13.430, 24.739

 89, 13.430, 24.739

 100, 13.430,
24.739

 79, 13.430, 24.739

 69, 13.430, 24.739

 59, 13.430, 24.739

 49, 13.430, 24.739

 39, 13.430, 24.739

 29, 13.430, 24.739

 19, 13.430, 24.739

 9, 13.430, 24.739

 0, 13.430, 24.739

89, 13.430, 24.739

89, 13.430, 24.739

83, 23.237, 25.497

95, 4.367, 24.112

77, 33.799, 26.487

100, 1.270,
199.847

71, 45.055, 27.805

66, 56.858, 29.542

61, 68.940, 31.768

58, 80.867, 34.465

55, 91.841, 37.356

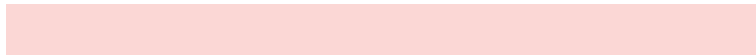
53, 100.111,
39.602

53, 102.791,
40.386

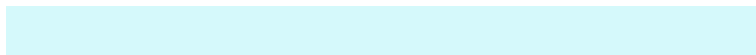
Harmonies

Complementary

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



89, 13.430, 24.739



96, 12.143, 203.573

Rectangle

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



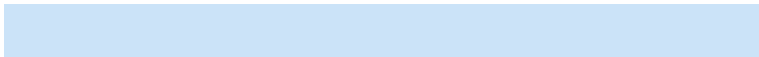
89, 13.430, 24.739



89, 13.430, 74.739



89, 13.430, 204.739



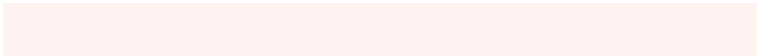
89, 13.430, 254.739

Sweetspot

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



89, 13.428, 24.749



97, 4.309, 24.103



89, 23.079, 326.651



51, 2.948, 24.155



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

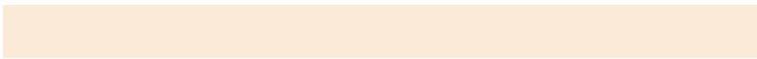
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 13.428, 24.749



88, 16.363, 24.946



94, 12.473, 78.669



49, 4.909, 24.397



40, 82.665, 40.541



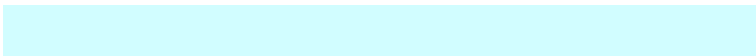
10, 31.114, 28.826

Inverse Universe

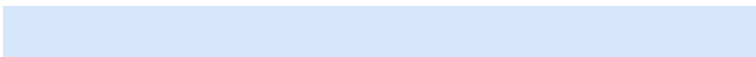
The Inverse Universe completely reimagines the original color for something new.



96, 12.143, 203.573



96, 14.492, 203.481



91, 12.143, 262.800



51, 4.615, 203.782



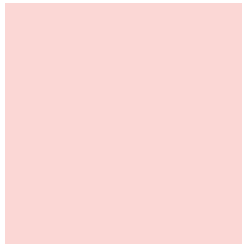
66, 37.267, 205.192



21, 16.995, 204.006

Previews

White Background



This preview shows how the CIELCh color 89, 13.430, 24.739 looks on a white background.

Color Contrast Check

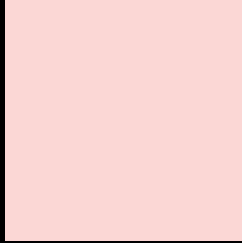
Large Text (above 18pt) WCAG AA × Fail

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 89, 13.430, 24.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

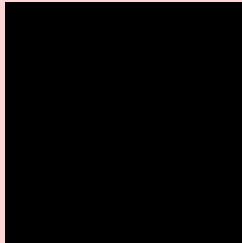
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 13.430, 24.739

Background



This preview shows how black text looks on a background with the CIELCh color 89, 13.430, 24.739.

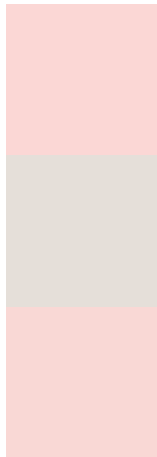


This preview shows how white text looks on a background with the CIELCh color 89, 13.430, 24.739.

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


89, 13.430, 24.739

Protanopia

89, 3.782, 74.676

Deuteranopia

89, 12.359, 27.434



Tritanopia
89, 16.704, 350.892

Trichromacy



Original Color
89, 13.430, 24.739

Protanomaly
89, 6.558, 38.156

Deuteranomaly
89, 12.736, 27.246

Tritanomaly
89, 14.657, 1.956

Monochromacy



Original Color
89, 13.430, 24.739

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 4.741, 25.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 13.430, 24.739 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(251, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(251, 215, 213)  
}
```

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(251, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 215, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 13.430, 24.739 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(251, 215, 213) }
```

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

```
.border{ border-color:rgb(251, 215, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(251, 215,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 13.430, 24.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 215, 213) }
```

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

```
.background{ background-color: rgb(251,  
215, 213) }
```

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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