

Converting Colors

CIELCh(88, 13.938, 20.395)

Have a look what the booklet for
CIELCh(88, 13.938, 20.395) contains.

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Color

CIELCh(88, 13.759, 20.383)

Conversions

Conversions Part 1

Format	Color
Hex	F9D4D4
RGB	249, 212, 212
RGB Percent	98%, 83%, 83%
CMY	0.0231, 0.1682, 0.1682
CMYK	0.00, 0.15, 0.15, 0.02
HSL	0°, 76%, 90%
HSV	0°, 15%, 98%
XYZ	74.5798, 72.0653, 72.3423
YIQ	223.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

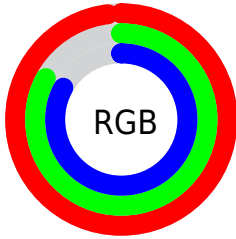
Format	Color
R _Y B	249, 212, 212
Decimal	16372948
CIE Lab	88.00, 12.90, 4.79
CIE LCh	88, 13.759, 20.383
Yxy	72.0653, 0.3406, 0.3291
Android (android.graphics.Color)	4294563028 (0xFFF9D4D4)
YUV	223.0630, -5.4541, 22.7467
Hunter-Lab	84.8913, 8.2584, 8.8984

Details

The CIELCh color **88, 13.759, 20.383** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 12.492, 198.668**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 13.835, 20.656** is the 20% darker color. If you saturate the color by 10%, you get **82, 23.941, 21.355**, and if you desaturate by 10%, it is **95, 4.320, 19.563**.

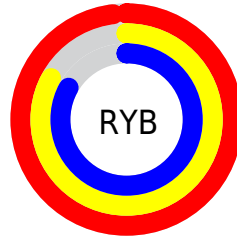
Distribution



Red (98%)

Green (83%)

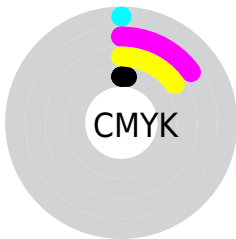
Blue (83%)



Red (98%)

Yellow (83%)

Blue (83%)

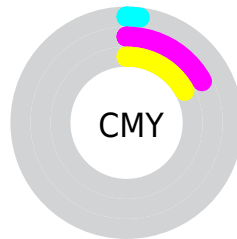


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (2%)



Cyan (2%)

Magenta (17%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 13.759, 20.383 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 88, 13.759, 20.383 by changing the saturation by 10% instead.

 88, 13.759, 20.383

 88, 13.759, 20.383

 100, 13.759,
20.383

 78, 13.759, 20.383

 68, 13.759, 20.383

 58, 13.759, 20.383

 48, 13.759, 20.383

 38, 13.759, 20.383

 28, 13.759, 20.383

 18, 13.759, 20.383

 8, 13.759, 20.383

 0, 13.759, 20.383

88, 13.759, 20.383

88, 13.759, 20.383

82, 23.941, 21.355

95, 4.320, 19.563

75, 34.849, 22.597

100, 2.039,
199.601

69, 46.380, 24.221

64, 58.321, 26.342

60, 70.339, 29.060

56, 81.967, 32.376

54, 92.451, 35.988

52, 100.142,
38.956

52, 102.741,
40.001

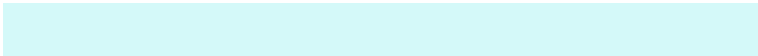
Harmonies

Complementary

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



88, 13.759, 20.383



95, 12.492, 198.668

Rectangle

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



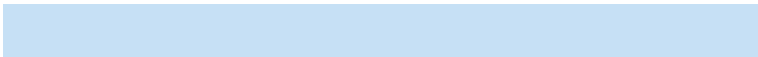
88, 13.759, 20.383



88, 13.759, 70.383



88, 13.759, 200.383



88, 13.759, 250.383

Sweetspot

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



88, 13.757, 20.392



97, 3.616, 19.477



89, 23.278, 325.249



51, 2.578, 19.554



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 13.757, 20.392



88, 17.204, 20.673



93, 11.750, 73.550



49, 5.166, 19.952



39, 83.390, 40.001



9, 32.193, 26.146

Inverse Universe

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



95, 12.492, 198.668



97, 15.280, 198.500



91, 11.312, 257.502



51, 4.864, 198.975



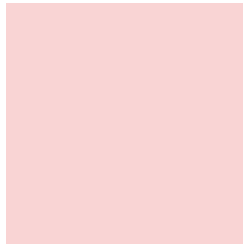
69, 39.956, 196.406



23, 18.078, 196.404

Previews

White Background



This preview shows how the CIELCh color 88, 13.759, 20.383 looks on a white background.

Color Contrast Check

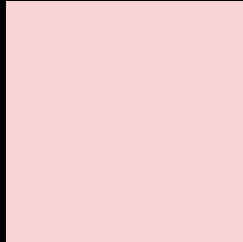
Large Text (above 18pt) WCAG AA × Fail

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 88, 13.759, 20.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

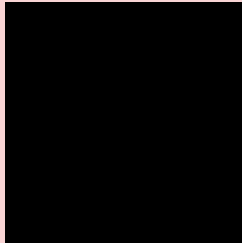
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 13.759, 20.383

Background



This preview shows how black text looks on a background with the CIELCh color 88, 13.759, 20.383.

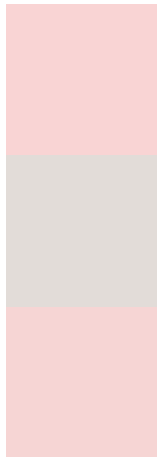


This preview shows how white text looks on a background with the CIELCh color 88, 13.759, 20.383.

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

88, 13.759, 20.383

Protanopia

88, 2.995, 63.284

Deuteranopia

88, 12.262, 22.675



Tritanopia
88, 17.065, 351.562

Trichromacy



Original Color
88, 13.759, 20.383

Protanomaly
88, 6.307, 29.231

Deuteranomaly
88, 12.641, 22.631

Tritanomaly
88, 15.198, 0.587

Monochromacy



Original Color
88, 13.759, 20.383

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 4.722, 19.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 13.759, 20.383 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(249, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(249, 212, 212)  
}
```

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(249, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 212, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 13.759, 20.383 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(249, 212, 212) }
```

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

```
.border{ border-color:rgb(249, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(249, 212,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 13.759, 20.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 212, 212) }
```

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

```
.background{ background-color: rgb(249,  
212, 212) }
```

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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