

Converting Colors

CIELCh(88, 17.269, 38.360)

Have a look what the booklet for
CIELCh(88, 17.269, 38.360) contains.

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Color

CIELCh(88, 17.200, 37.978)

Conversions

Conversions Part 1

Format	Color
Hex	FED3C9
RGB	254, 211, 201
RGB Percent	100%, 83%, 79%
CMY	0.0029, 0.1715, 0.2108
CMYK	0.00, 0.17, 0.21, 0.00
HSL	11°, 97%, 89%
HSV	11°, 21%, 100%
XYZ	74.9006, 72.0653, 65.3759
YIQ	222.7170, 28.8380, 6.0060

Conversions

Conversions Part 2

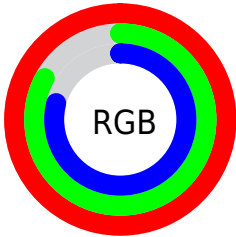
Format	Color
RYB	254, 213, 201
Decimal	16700361
CIELab	88.00, 13.56, 10.58
CIELCh	88, 17.200, 37.978
Yxy	72.0653, 0.3527, 0.3394
Android (android.graphics.Color)	4294890441 (0xFF FED3C9)
YUV	222.7170, -10.7065, 27.4352
Hunter-Lab	84.8913, 8.9330, 13.7639

Details

The CIELCh color **88, 17.200, 37.978** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 14.941, 218.891**, 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, 17.417, 37.138** is the 20% darker color. If you saturate the color by 10%, you get **83, 26.548, 38.126**, and if you desaturate by 10%, it is **94, 8.582, 37.968**.

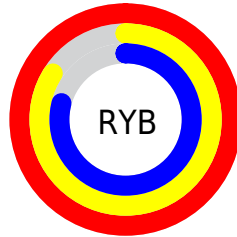
Distribution



Red (100%)

Green (83%)

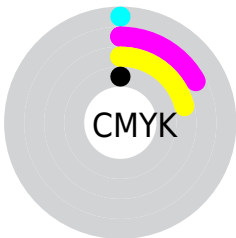
Blue (79%)



Red (100%)

Yellow (84%)

Blue (79%)

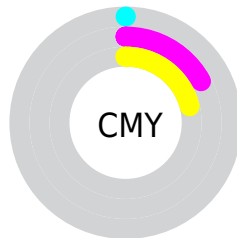


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 17.200, 37.978 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, 17.200, 37.978 by changing the saturation by 10% instead.

 88, 17.200, 37.978

 88, 17.200, 37.978

 100, 17.200,
37.978

 78, 17.200, 37.978

 68, 17.200, 37.978

 58, 17.200, 37.978

 48, 17.200, 37.978

 38, 17.200, 37.978

 28, 17.200, 37.978

 18, 17.200, 37.978

 8, 17.200, 37.978

 0, 17.200, 37.978

88, 17.200, 37.978

88, 17.200, 37.978

83, 26.548, 38.126

94, 8.582, 37.968

77, 36.661, 38.441

99, 0.643, 37.156

72, 47.523, 38.979

100, 0.254,
201.998

68, 59.038, 39.770

64, 70.967, 40.801

60, 82.766, 41.931

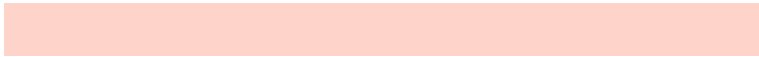
57, 93.207, 42.728

55, 100.097,
42.723

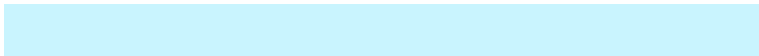
Harmonies

Complementary

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



88, 17.200, 37.978



94, 14.941, 218.891

Rectangle

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



88, 17.200, 37.978



88, 17.200, 87.978



88, 17.200, 217.978



88, 17.200, 267.978

Sweetspot

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



88, 17.199, 37.987



97, 4.662, 37.954



87, 29.333, 331.256



51, 3.101, 37.960



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, 17.199, 37.987



86, 21.037, 38.027



94, 19.609, 89.778



50, 4.482, 37.968



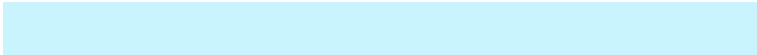
42, 80.361, 43.110



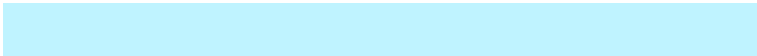
12, 30.145, 36.541

Inverse Universe

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



94, 14.941, 218.891



93, 17.709, 219.103



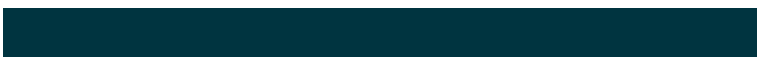
87, 19.600, 275.438



52, 4.220, 218.498



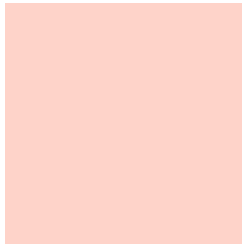
59, 35.228, 233.213



19, 16.134, 228.238

Previews

White Background



This preview shows how the CIELCh color 88, 17.200, 37.978 looks on a white background.

Color Contrast Check

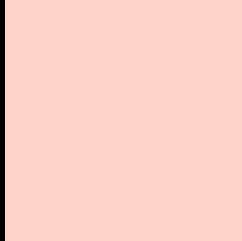
Large Text (above 18pt) WCAG AA × Fail

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, 17.200, 37.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

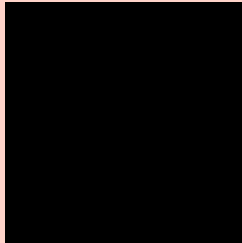
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 17.200, 37.978

Background



This preview shows how black text looks on a background with the CIELCh color 88, 17.200, 37.978.

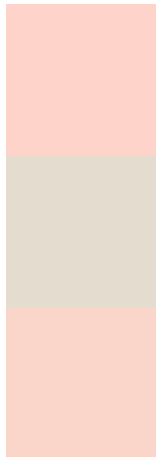


This preview shows how white text looks on a background with the CIELCh color 88, 17.200, 37.978.

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, 17.200, 37.978

Protanopia

88, 7.844, 87.374

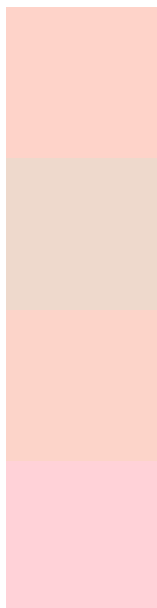
Deuteranopia

88, 15.403, 44.047



Tritanopia
88, 18.508, 355.975

Trichromacy



Original Color
88, 17.200, 37.978

Protanomaly
88, 10.374, 60.323

Deuteranomaly
88, 16.276, 40.839

Tritanomaly
88, 16.944, 10.120

Monochromacy



Original Color
88, 17.200, 37.978

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 5.863, 40.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 17.200, 37.978 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(254, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 201)  
}
```

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(254, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 17.200, 37.978 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(254, 211, 201) }
```

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

```
.border{ border-color:rgb(254, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 17.200, 37.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 211, 201) }
```

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

```
.background{ background-color: rgb(254,  
211, 201) }
```

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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