

Converting Colors

CIELCh(88, 27.764, 73.039)

Have a look what the booklet for
CIELCh(88, 27.764, 73.039) contains.

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Color

CIELCh(88, 27.643, 73.164)

Conversions

Conversions Part 1

Format	Color
Hex	FED6AB
RGB	254, 214, 171
RGB Percent	100%, 84%, 67%
CMY	0.0041, 0.1610, 0.3296
CMYK	0.00, 0.16, 0.33, 0.00
HSL	31°, 98%, 83%
HSV	31°, 33%, 100%
XYZ	72.2319, 72.0653, 48.6055
YIQ	221.0580, 37.6430, -4.8930

Conversions

Conversions Part 2

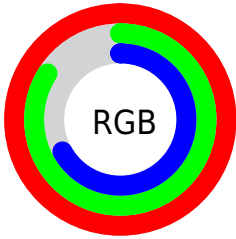
Format	Color
RYB	248, 254, 171
Decimal	16701099
CIELab	88.00, 8.01, 26.46
CIELCh	88, 27.643, 73.164
Yxy	72.0653, 0.3744, 0.3736
Android (android.graphics.Color)	4294891179 (0xFF FED6AB)
YUV	221.0580, -24.6786, 28.8901
Hunter-Lab	84.8913, 3.3215, 25.4767

Details

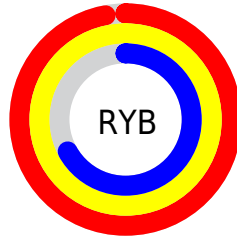
The CIELCh color $88, 27.643, 73.164$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $83, 25.473, 262.734$, and the grayscale version is $88, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 14.168, 109.107$, and $68, 27.766, 73.066$ is the 20% darker color. If you saturate the color by 10%, you get $85, 36.902, 71.854$, and if you desaturate by 10%, it is $91, 18.760, 74.467$.

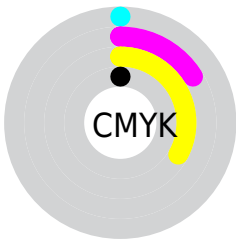
Distribution



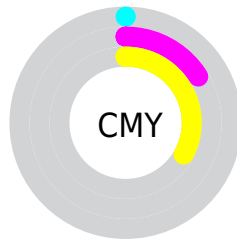
- Red (100%)
- Green (84%)
- Blue (67%)



- Red (97%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 27.643, 73.164 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, 27.643, 73.164 by changing the saturation by 10% instead.

 88, 27.643, 73.164

 88, 27.643, 73.164

 100, 27.643,
73.164

 78, 27.643, 73.164

 68, 27.643, 73.164

 58, 27.643, 73.164

 48, 27.643, 73.164

 38, 27.643, 73.164

 28, 27.643, 73.164

 18, 27.643, 73.164

 8, 27.643, 73.164

 0, 27.643, 73.164

88, 27.643, 73.164

88, 27.643, 73.164

85, 36.902, 71.854

91, 18.760, 74.467

81, 46.481, 70.514

95, 10.257, 75.731

78, 56.229, 69.124

99, 2.117, 76.829

75, 65.801, 67.614

100, 0.366,
201.191

72, 74.519, 65.829

69, 81.280, 63.473

68, 84.679, 61.314

Harmonies

Complementary

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



88, 27.643, 73.164



83, 25.473, 262.734

Rectangle

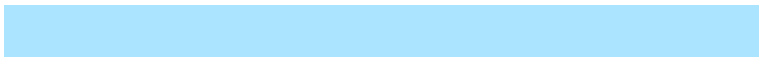
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 27.643, 73.164



88, 27.643, 123.164



88, 27.643, 253.164



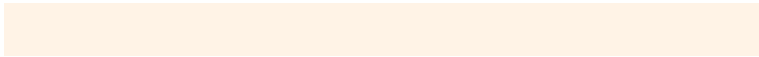
88, 27.643, 303.164

Sweetspot

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



88, 27.643, 73.171



96, 8.067, 76.059



79, 36.861, 347.755



51, 5.521, 75.888



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, 27.643, 73.171



86, 33.565, 72.340



98, 41.591, 107.735



51, 4.581, 76.119



52, 68.202, 62.010



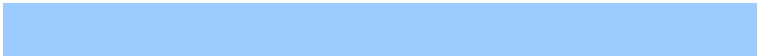
16, 27.014, 63.646

Inverse Universe

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



83, 25.473, 262.734



80, 30.390, 264.164



73, 45.131, 294.878



50, 4.492, 258.680



40, 60.457, 285.917



12, 24.524, 279.508

Previews

White Background



This preview shows how the CIELCh color 88, 27.643, 73.164 looks on a white background.

Color Contrast Check

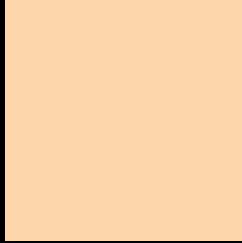
Large Text (above 18pt) WCAG AA × Fail

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 88, 27.643, 73.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

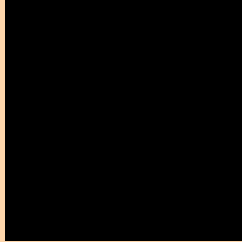
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 27.643, 73.164

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.643, 73.164.



This preview shows how white text looks on a background with the CIELCh color 88, 27.643, 73.164.

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, 27.643, 73.164

Protanopia

88, 24.961, 95.458

Deuteranopia

88, 24.805, 66.805



Tritanopia
88, 18.320, 357.471

Trichromacy



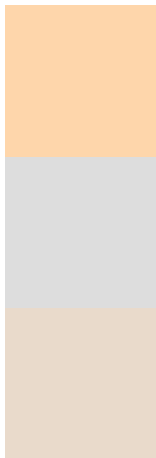
Original Color
88, 27.643, 73.164

Protanomaly
88, 25.257, 86.234

Deuteranomaly
88, 26.039, 68.854

Tritanomaly
88, 17.072, 32.775

Monochromacy



Original Color
88, 27.643, 73.164

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 9.601, 73.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.643, 73.164 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, 214, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 171)  
}
```

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, 214, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.643, 73.164 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, 214, 171) }
```

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

```
.border{ border-color:rgb(254, 214, 171) }
```

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

Here you see how a box with a 4 pixel rgb(254, 214, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.643, 73.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 214, 171) }
```

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

```
.background{ background-color: rgb(254,  
214, 171) }
```

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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