

Converting Colors

CIELCh(87, 36.661, 82.950)

Have a look what the booklet for
CIELCh(87, 36.661, 82.950) contains.

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Color

CIELCh(87, 36.690, 83.000)

Conversions

Conversions Part 1

Format	Color
Hex	FAD595
RGB	250, 213, 149
RGB Percent	98%, 84%, 58%
CMY	0.0200, 0.1651, 0.4161
CMYK	0.00, 0.15, 0.40, 0.02
HSL	38°, 91%, 78%
HSV	38°, 40%, 98%
XYZ	68.5697, 70.0064, 38.2908
YIQ	216.7670, 42.5960, -12.0600

Conversions

Conversions Part 2

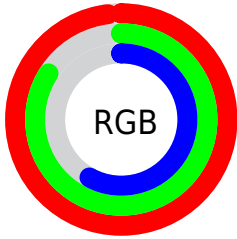
Format	Color
R _Y B	207, 250, 149
Decimal	16438677
CIE Lab	87.00, 4.47, 36.42
CIE LCh	87, 36.690, 83.000
Yxy	70.0064, 0.3877, 0.3958
Android (android.graphics.Color)	4294628757 (0xFFFA595)
YUV	216.7670, -33.4091, 29.1453
Hunter-Lab	83.6698, -0.1365, 31.4353

Details

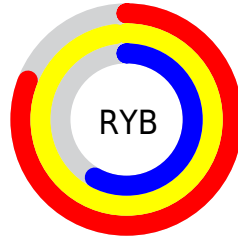
The CIELCh color $87, 36.690, 83.000$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $75, 35.762, 275.425$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 25.735, 108.225$, and $67, 36.995, 83.438$ is the 20% darker color. If you saturate the color by 10%, you get $84, 46.180, 81.568$, and if you desaturate by 10%, it is $90, 27.299, 84.398$.

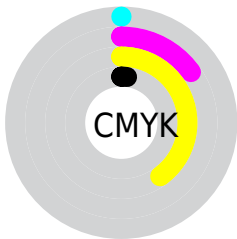
Distribution



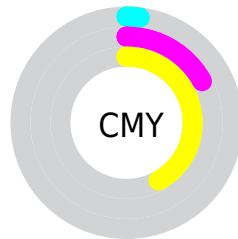
- Red (98%)
- Green (84%)
- Blue (58%)



- Red (81%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (2%)



- Cyan (2%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 36.690, 83.000 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 87, 36.690, 83.000 by changing the saturation by 10% instead.

87, 36.690, 83.000

87, 36.690, 83.000

100, 36.690,
83.000

77, 36.690, 83.000

67, 36.690, 83.000

57, 36.690, 83.000

47, 36.690, 83.000

37, 36.690, 83.000

27, 36.690, 83.000

17, 36.690, 83.000

7, 36.690, 83.000

0, 36.690, 83.000

87, 36.690, 83.000

87, 36.690, 83.000

84, 46.180, 81.568

90, 27.299, 84.398

82, 55.579, 80.070

92, 18.092, 85.748

79, 64.525, 78.467

95, 9.106, 87.047

77, 72.374, 76.663

98, 0.347, 87.448

75, 78.170, 74.481

100, 1.774,
199.666

73, 81.301, 71.897

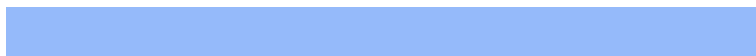
Harmonies

Complementary

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



87, 36.690, 83.000



75, 35.762, 275.425

Rectangle

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



87, 36.690, 83.000



87, 36.690, 133.000



87, 36.690, 263.000



87, 36.690, 313.000

Sweetspot

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



87, 36.691, 83.005



97, 10.691, 86.844



73, 42.513, 356.262



51, 7.104, 86.676



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 36.691, 83.005



87, 44.617, 81.912



95, 50.668, 112.296



51, 4.965, 87.162



56, 65.809, 72.490



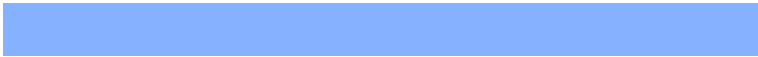
18, 26.546, 75.194

Inverse Universe

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



75, 35.762, 275.425



72, 43.384, 277.332



67, 56.095, 299.618



49, 4.945, 269.709



34, 74.019, 294.712



8, 29.001, 288.984

Previews

White Background



This preview shows how the CIELCh color 87, 36.690, 83.000 looks on a white background.

Color Contrast Check

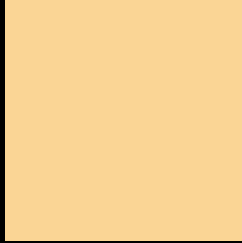
Large Text (above 18pt) WCAG AA × Fail

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 87, 36.690, 83.000 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 87, 36.690, 83.000

Background



This preview shows how black text looks on a background with the CIELCh color 87, 36.690, 83.000.



This preview shows how white text looks on a background with the CIELCh color 87, 36.690, 83.000.

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
87, 36.690, 83.000

Protanopia
87, 35.405, 95.376

Deuteranopia
87, 31.184, 72.469

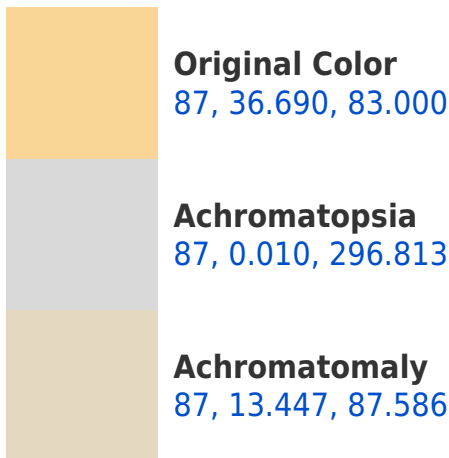


Tritanopia
87, 19.932, 357.961

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 36.690, 83.000 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(250, 213, 149)` looks like.

```
.text, #text, p{  
    color:rgb(250, 213, 149)  
}
```

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(250, 213, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 213, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 36.690, 83.000 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(250, 213, 149) }
```

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

```
.border{ border-color:rgb(250, 213, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 213, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 213, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 213, 149);  
box-shadow:4px 4px 4px 4px rgb(250, 213,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 36.690, 83.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 213, 149) }
```

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

```
.background{ background-color: rgb(250,  
213, 149) }
```

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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