

Converting Colors

CIELCh(87, 24.367, 68.512)

Have a look what the booklet for
CIELCh(87, 24.367, 68.512) contains.

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Color

CIELCh(87, 24.726, 68.850)

Conversions

Conversions Part 1

Format	Color
Hex	FBD3AF
RGB	251, 211, 175
RGB Percent	98%, 83%, 69%
CMY	0.0167, 0.1735, 0.3147
CMYK	0.00, 0.16, 0.30, 0.02
HSL	28°, 90%, 83%
HSV	28°, 30%, 98%
XYZ	70.6314, 70.0064, 50.2196
YIQ	218.8560, 35.3960, -2.7160

Conversions

Conversions Part 2

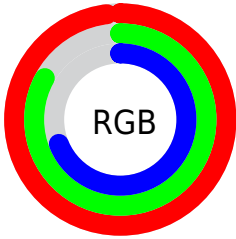
Format	Color
R _Y B	251, 243, 175
Decimal	16503727
CIE Lab	87.00, 8.92, 23.06
CIE LCh	87, 24.726, 68.850
Yxy	70.0064, 0.3701, 0.3668
Android (android.graphics.Color)	4294693807 (0xFFFBD3AF)
YUV	218.8560, -21.6210, 28.1903
Hunter-Lab	83.6698, 4.2618, 22.9824

Details

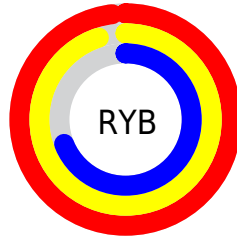
The CIELCh color **87, 24.726, 68.850** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 22.397, 257.267**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **67, 24.824, 70.139** is the 20% darker color. If you saturate the color by 10%, you get **83, 33.764, 67.648**, and if you desaturate by 10%, it is **91, 16.136, 70.062**.

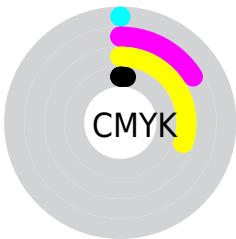
Distribution



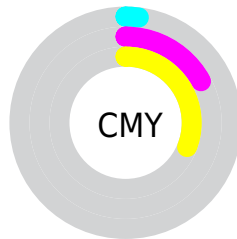
- Red (98%)
- Green (83%)
- Blue (69%)



- Red (98%)
- Yellow (95%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (2%)



- Cyan (2%)
- Magenta (17%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 24.726, 68.850 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, 24.726, 68.850 by changing the saturation by 10% instead.

 87, 24.726, 68.850

 87, 24.726, 68.850

 100, 24.726,
68.850

 77, 24.726, 68.850

 67, 24.726, 68.850

 57, 24.726, 68.850

 47, 24.726, 68.850

 37, 24.726, 68.850

 27, 24.726, 68.850

 17, 24.726, 68.850

 7, 24.726, 68.850

 0, 24.726, 68.850

87, 24.726, 68.850

87, 24.726, 68.850

83, 33.764, 67.648

91, 16.136, 70.062

80, 43.227, 66.437

95, 7.978, 71.241

76, 53.014, 65.206

98, 0.221, 70.406

73, 62.871, 63.900

100, 1.482,
199.758

70, 72.249, 62.380

67, 80.139, 60.365

65, 85.520, 57.711

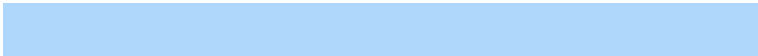
Harmonies

Complementary

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



87, 24.726, 68.850



84, 22.397, 257.267

Rectangle

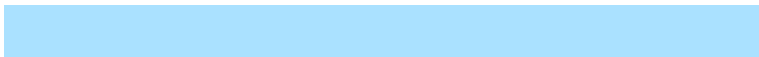
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 24.726, 68.850



87, 24.726, 118.850



87, 24.726, 248.850



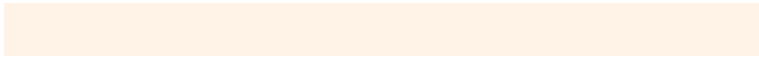
87, 24.726, 298.850

Sweetspot

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



87, 24.726, 68.857



96, 7.041, 71.388



80, 34.839, 344.643



51, 4.911, 71.222



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, 24.726, 68.857



86, 30.234, 68.165



96, 37.062, 105.771



50, 4.380, 71.333



49, 68.779, 58.423



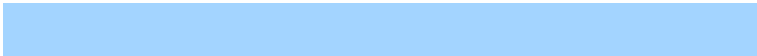
15, 25.867, 59.007

Inverse Universe

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



84, 22.397, 257.267



83, 26.810, 258.484



75, 39.735, 292.686



50, 4.266, 253.805



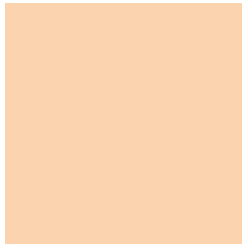
42, 54.698, 281.447



12, 21.901, 274.330

Previews

White Background



This preview shows how the CIELCh color 87, 24.726, 68.850 looks on a white background.

Color Contrast Check

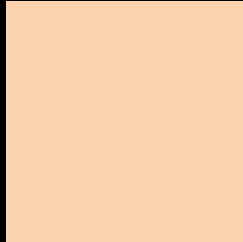
Large Text (above 18pt) WCAG AA × Fail

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, 24.726, 68.850 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, 24.726, 68.850

Background



This preview shows how black text looks on a background with the CIELCh color 87, 24.726, 68.850.



This preview shows how white text looks on a background with the CIELCh color 87, 24.726, 68.850.

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, 24.726, 68.850

Protanopia

87, 21.400, 94.770

Deuteranopia

87, 25.368, 64.079



Tritanopia
87, 19.932, 357.961

Trichromacy



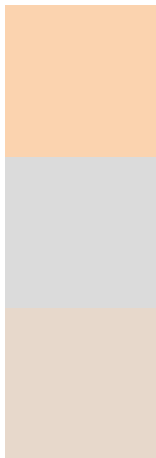
Original Color
87, 24.726, 68.850

Protanomaly
87, 21.787, 84.117

Deuteranomaly
87, 25.164, 66.104

Tritanomaly
87, 17.457, 25.765

Monochromacy



Original Color
87, 24.726, 68.850

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.779, 69.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 24.726, 68.850 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, 211, 175)` looks like.

```
.text, #text, p{  
    color:rgb(251, 211, 175)  
}
```

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, 211, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 211, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 24.726, 68.850 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, 211, 175) }
```

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

```
.border{ border-color:rgb(251, 211, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 211, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 211, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 211, 175);  
box-shadow:4px 4px 4px 4px rgb(251, 211,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 24.726, 68.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 211, 175) }
```

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

```
.background{ background-color: rgb(251,  
211, 175) }
```

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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