

Converting Colors

CIELCh(87, 24.721, 78.683)

Have a look what the booklet for
CIELCh(87, 24.721, 78.683) contains.

CIELCh(87, 24.745, 78.668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(87, 24.745, 78.668)

Conversions

Conversions Part 1

Format	Color
Hex	F4D5AC
RGB	244, 213, 172
RGB Percent	96%, 84%, 67%
CMY	0.0420, 0.1636, 0.3244
CMYK	0.00, 0.13, 0.29, 0.04
HSL	34°, 77%, 82%
HSV	34°, 29%, 96%
XYZ	68.7492, 70.0064, 49.0566
YIQ	217.5950, 31.6370, -6.1790

Conversions

Conversions Part 2

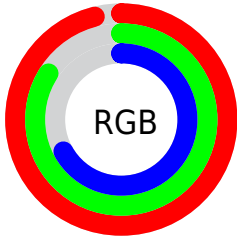
Format	Color
RYB	226, 244, 172
Decimal	16045484
CIELab	87.00, 4.86, 24.26
CIELCh	87, 24.745, 78.668
Yxy	70.0064, 0.3661, 0.3727
Android (android.graphics.Color)	4294235564 (0xFFF4D5AC)
YUV	217.5950, -22.4783, 23.1572
Hunter-Lab	83.6698, 0.2463, 23.8065

Details

The CIELCh color **87, 24.745, 78.668** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 23.596, 267.282**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **67, 24.899, 78.200** is the 20% darker color. If you saturate the color by 10%, you get **84, 33.717, 77.304**, and if you desaturate by 10%, it is **90, 16.062, 80.011**.

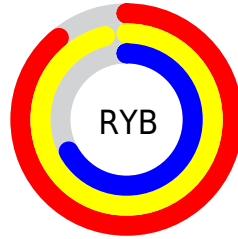
Distribution



Red (96%)

Green (84%)

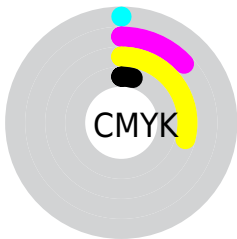
Blue (67%)



Red (89%)

Yellow (96%)

Blue (67%)

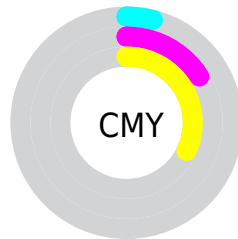


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 24.745, 78.668 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, 24.745, 78.668 by changing the saturation by 10% instead.

 87, 24.745, 78.668

 87, 24.745, 78.668

 100, 24.745,
78.668

 77, 24.745, 78.668

 67, 24.745, 78.668

 57, 24.745, 78.668

 47, 24.745, 78.668

 37, 24.745, 78.668

 27, 24.745, 78.668

 17, 24.745, 78.668

 7, 24.745, 78.668

 0, 24.745, 78.668

87, 24.745, 78.668

87, 24.745, 78.668

84, 33.717, 77.304

90, 16.062, 80.011

81, 42.923, 75.896

93, 7.676, 81.297

78, 52.227, 74.436

96, 0.423, 263.477

75, 61.339, 72.874

99, 3.698, 199.350

73, 69.698, 71.102

70, 76.375, 68.906

68, 80.596, 66.075

68, 80.799, 65.928

Harmonies

Complementary

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



87, 24.745, 78.668



81, 23.596, 267.282

Rectangle

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



87, 24.745, 78.668



87, 24.745, 128.668



87, 24.745, 258.668



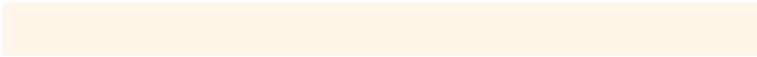
87, 24.745, 308.668

Sweetspot

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



87, 24.746, 78.675



97, 7.538, 81.354



78, 31.293, 350.377



51, 5.252, 81.172



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, 24.746, 78.675



89, 30.717, 77.911



94, 36.502, 110.233



50, 4.609, 81.296



53, 65.767, 66.585



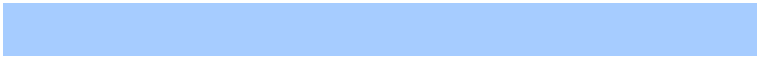
16, 24.828, 68.660

Inverse Universe

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



81, 23.596, 267.282



81, 29.004, 268.464



73, 39.211, 296.015



48, 4.553, 263.877



37, 65.279, 290.185



9, 25.068, 283.521

Previews

White Background



This preview shows how the CIELCh color 87, 24.745, 78.668 looks on a white background.

Color Contrast Check

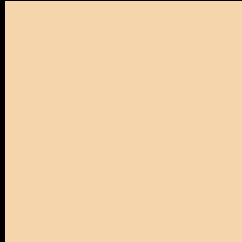
Large Text (above 18pt) WCAG AA × Fail

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, 24.745, 78.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

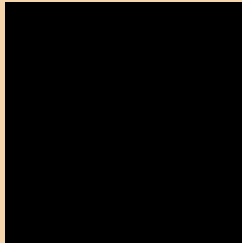
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 24.745, 78.668

Background



This preview shows how black text looks on a background with the CIELCh color 87, 24.745, 78.668.



This preview shows how white text looks on a background with the CIELCh color 87, 24.745, 78.668.

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, 24.745, 78.668

Protanopia

87, 23.511, 94.780

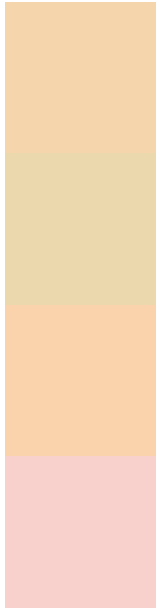
Deuteranopia

87, 26.162, 65.521



Tritanopia
87, 18.097, 353.415

Trichromacy



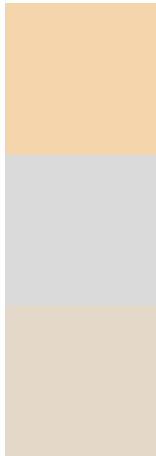
Original Color
87, 24.745, 78.668

Protanomaly
87, 23.743, 88.958

Deuteranomaly
87, 25.310, 70.877

Tritanomaly
87, 14.939, 30.417

Monochromacy



Original Color
87, 24.745, 78.668

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 9.003, 79.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 24.745, 78.668 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(244, 213, 172)` looks like.

```
.text, #text, p{  
    color:rgb(244, 213, 172)  
}
```

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(244, 213, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 213, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 24.745, 78.668 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(244, 213, 172) }
```

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

```
.border{ border-color:rgb(244, 213, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 213, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 213, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 213, 172);  
box-shadow:4px 4px 4px 4px rgb(244, 213,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 24.745, 78.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 213, 172) }
```

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

```
.background{ background-color: rgb(244,  
213, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor