

Converting Colors

CIELCh(87, 24.144, 72.750)

Have a look what the booklet for
CIELCh(87, 24.144, 72.750) contains.

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Color

CIELCh(87, 24.104, 72.438)

Conversions

Conversions Part 1

Format	Color
Hex	F8D4AF
RGB	248, 212, 175
RGB Percent	97%, 83%, 69%
CMY	0.0282, 0.1693, 0.3144
CMYK	0.00, 0.15, 0.29, 0.03
HSL	30°, 84%, 83%
HSV	30°, 29%, 97%
XYZ	69.8630, 70.0064, 50.2975
YIQ	218.5460, 33.3330, -3.8750

Conversions

Conversions Part 2

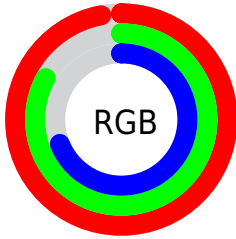
Format	Color
R _Y B	246, 248, 175
Decimal	16307375
CIE Lab	87.00, 7.27, 22.98
CIE LCh	87, 24.104, 72.438
Yxy	70.0064, 0.3674, 0.3681
Android (android.graphics.Color)	4294497455 (0xFFFF8D4AF)
YUV	218.5460, -21.4682, 25.8312
Hunter-Lab	83.6698, 2.6225, 22.9271

Details

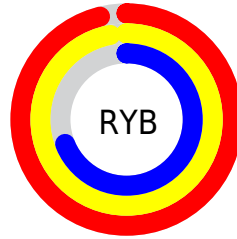
The CIELCh color **87, 24.104, 72.438** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 22.285, 260.840**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **67, 24.278, 71.693** is the 20% darker color. If you saturate the color by 10%, you get **84, 33.047, 71.158**, and if you desaturate by 10%, it is **91, 15.552, 73.714**.

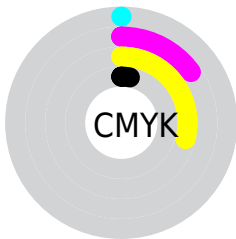
Distribution



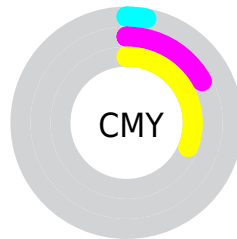
- Red (97%)
- Green (83%)
- Blue (69%)



- Red (96%)
- Yellow (97%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 24.104, 72.438 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, 24.104, 72.438 by changing the saturation by 10% instead.

 87, 24.104, 72.438

 87, 24.104, 72.438

 100, 24.104,
72.438

 77, 24.104, 72.438

 67, 24.104, 72.438

 57, 24.104, 72.438

 47, 24.104, 72.438

 37, 24.104, 72.438

 27, 24.104, 72.438

 17, 24.104, 72.438

 7, 24.104, 72.438

 0, 24.104, 72.438

87, 24.104, 72.438

87, 24.104, 72.438

84, 33.047, 71.158

91, 15.552, 73.714

80, 42.351, 69.855

94, 7.383, 74.944

77, 51.912, 68.518

98, 0.428, 257.230

74, 61.474, 67.096

99, 2.491, 199.513

71, 70.510, 65.467

68, 78.067, 63.379

66, 83.221, 60.573

66, 83.486, 60.422

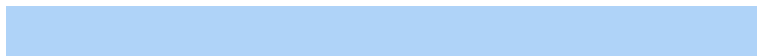
Harmonies

Complementary

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



87, 24.104, 72.438



83, 22.285, 260.840

Rectangle

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



87, 24.104, 72.438



87, 24.104, 122.438



87, 24.104, 252.438



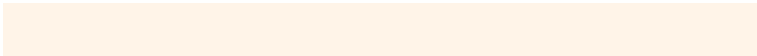
87, 24.104, 302.438

Sweetspot

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



87, 24.104, 72.445



97, 7.188, 74.996



79, 32.858, 346.411



51, 5.012, 74.822



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, 24.104, 72.445



87, 29.703, 71.726



96, 36.833, 107.307



50, 4.471, 74.938



51, 67.804, 61.106



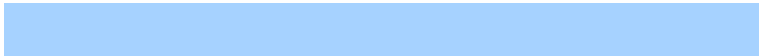
15, 25.831, 62.358

Inverse Universe

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



83, 22.285, 260.840



83, 27.004, 262.024



74, 39.586, 293.828



50, 4.377, 257.478



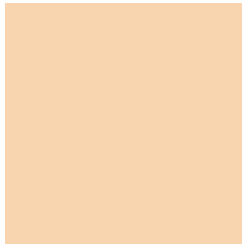
40, 58.482, 284.817



11, 23.241, 277.967

Previews

White Background



This preview shows how the CIE LCh color 87, 24.104, 72.438 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, 24.104, 72.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

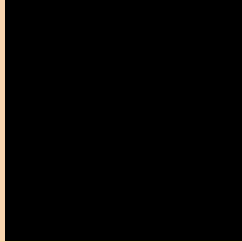
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 24.104, 72.438

Background



This preview shows how black text looks on a background with the CIELCh color 87, 24.104, 72.438.



This preview shows how white text looks on a background with the CIELCh color 87, 24.104, 72.438.

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, 24.104, 72.438

Protanopia

87, 21.400, 94.770

Deuteranopia

87, 25.368, 64.079



Tritanopia
87, 19.440, 355.591

Trichromacy



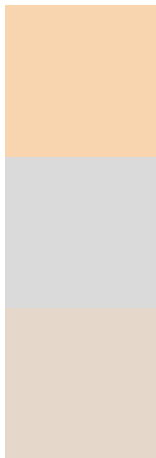
Original Color
87, 24.104, 72.438

Protanomaly
87, 21.929, 86.487

Deuteranomaly
87, 24.884, 66.766

Tritanomaly
87, 16.686, 25.946

Monochromacy



Original Color
87, 24.104, 72.438

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.753, 75.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 24.104, 72.438 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(248, 212, 175)` looks like.

```
.text, #text, p{  
    color:rgb(248, 212, 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(248, 212, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 212, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 24.104, 72.438 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(248, 212, 175) }
```

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

```
.border{ border-color:rgb(248, 212, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 212, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 212, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 212, 175);  
box-shadow:4px 4px 4px 4px rgb(248, 212,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 24.104, 72.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 212, 175) }
```

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

```
.background{ background-color: rgb(248,  
212, 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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