

Converting Colors

CIELCh(87, 26.485, 67.974)

Have a look what the booklet for
CIELCh(87, 26.485, 67.974) contains.

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Color

CIELCh(87, 26.392, 68.156)

Conversions

Conversions Part 1

Format	Color
Hex	FDD2AC
RGB	253, 210, 172
RGB Percent	99%, 82%, 67%
CMY	0.0075, 0.1762, 0.3252
CMYK	0.00, 0.17, 0.32, 0.01
HSL	28°, 95%, 83%
HSV	28°, 32%, 99%
XYZ	71.0526, 70.0064, 48.8319
YIQ	218.5250, 37.8260, -2.7020

Conversions

Conversions Part 2

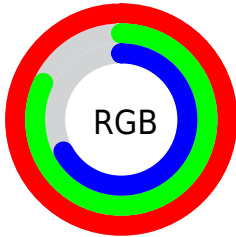
Format	Color
RYB	253, 244, 172
Decimal	16634540
CIELab	87.00, 9.82, 24.50
CIElCh	87, 26.392, 68.156
Yxy	70.0064, 0.3742, 0.3687
Android (android.graphics.Color)	4294824620 (0xFFFD2AC)
YUV	218.5250, -22.9368, 30.2346
Hunter-Lab	83.6698, 5.1605, 23.9657

Details

The CIELCh color **87, 26.392, 68.156** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 23.691, 257.082**, 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, 26.605, 69.234** is the 20% darker color. If you saturate the color by 10%, you get **83, 35.576, 66.966**, and if you desaturate by 10%, it is **91, 17.666, 69.359**.

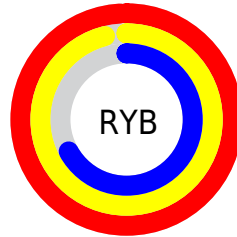
Distribution



Red (99%)

Green (82%)

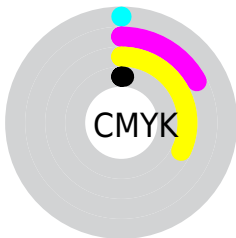
Blue (67%)



Red (99%)

Yellow (96%)

Blue (67%)

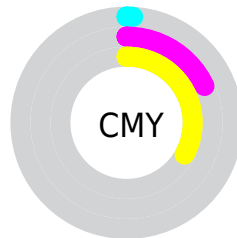


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 26.392, 68.156 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, 26.392, 68.156 by changing the saturation by 10% instead.

 87, 26.392, 68.156

 87, 26.392, 68.156

 100, 26.392,
68.156

 77, 26.392, 68.156

 67, 26.392, 68.156

 57, 26.392, 68.156

 47, 26.392, 68.156

 37, 26.392, 68.156

 27, 26.392, 68.156

 17, 26.392, 68.156

 7, 26.392, 68.156

 0, 26.392, 68.156

87, 26.392, 68.156

87, 26.392, 68.156

83, 35.576, 66.966

91, 17.666, 69.359

80, 45.186, 65.769

95, 9.388, 70.536

76, 55.105, 64.548

99, 1.524, 71.468

73, 65.038, 63.238

100, 0.669,
200.354

70, 74.366, 61.680

67, 81.982, 59.557

65, 86.328, 57.333

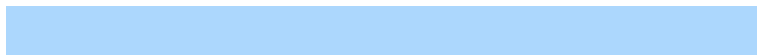
Harmonies

Complementary

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



87, 26.392, 68.156



84, 23.691, 257.082

Rectangle

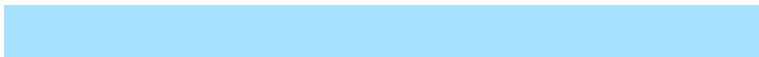
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 26.392, 68.156



87, 26.392, 118.156



87, 26.392, 248.156



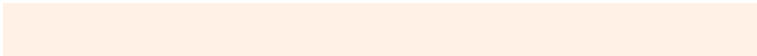
87, 26.392, 298.156

Sweetspot

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



87, 26.392, 68.163



96, 7.824, 70.766



79, 37.085, 344.830



51, 5.358, 70.605



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, 26.392, 68.163



85, 32.038, 67.444



97, 39.400, 105.598



51, 4.442, 70.821



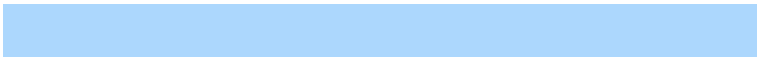
50, 69.634, 58.027



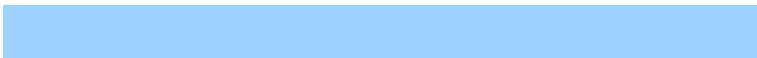
16, 27.067, 58.775

Inverse Universe

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



84, 23.691, 257.082



82, 28.104, 258.400



74, 42.442, 292.968



51, 4.323, 253.286



43, 54.782, 280.997



13, 22.451, 274.208

Previews

White Background



This preview shows how the CIELCh color 87, 26.392, 68.156 looks on a white background.

Color Contrast Check

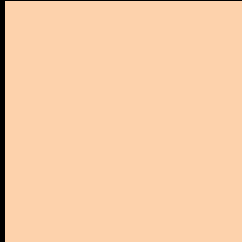
Large Text (above 18pt) WCAG AA × Fail

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, 26.392, 68.156 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, 26.392, 68.156

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.392, 68.156.



This preview shows how white text looks on a background with the CIELCh color 87, 26.392, 68.156.

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, 26.392, 68.156

Protanopia

87, 22.410, 95.268

Deuteranopia

87, 26.849, 65.591



Tritanopia
87, 19.763, 359.371

Trichromacy



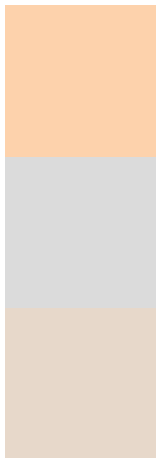
Original Color
87, 26.392, 68.156

Protanomaly
87, 22.914, 84.141

Deuteranomaly
87, 26.565, 66.207

Tritanomaly
87, 18.038, 28.925

Monochromacy



Original Color
87, 26.392, 68.156

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 9.193, 71.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.392, 68.156 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(253, 210, 172)` looks like.

```
.text, #text, p{  
    color:rgb(253, 210, 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(253, 210, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 210, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.392, 68.156 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(253, 210, 172) }
```

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

```
.border{ border-color:rgb(253, 210, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 210, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 210, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 210, 172);  
box-shadow:4px 4px 4px 4px rgb(253, 210,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.392, 68.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 210, 172) }
```

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

```
.background{ background-color: rgb(253,  
210, 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](#).

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