

Converting Colors

CIELCh(87, 30.826, 75.930)

Have a look what the booklet for
CIELCh(87, 30.826, 75.930) contains.

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Color

CIELCh(87, 30.632, 75.395)

Conversions

Conversions Part 1

Format	Color
Hex	FCD3A2
RGB	252, 211, 162
RGB Percent	99%, 83%, 64%
CMY	0.0111, 0.1719, 0.3641
CMYK	0.00, 0.16, 0.36, 0.01
HSL	33°, 94%, 81%
HSV	33°, 36%, 99%
XYZ	70.0726, 70.0064, 44.0720
YIQ	217.6730, 40.1650, -6.5470

Conversions

Conversions Part 2

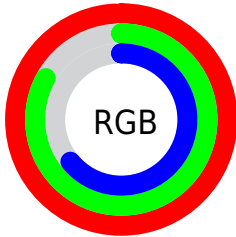
Format	Color
RYB	237, 252, 162
Decimal	16569250
CIELab	87.00, 7.72, 29.64
CIELCh	87, 30.632, 75.395
Yxy	70.0064, 0.3805, 0.3802
Android (android.graphics.Color)	4294759330 (0xFFFC3A2)
YUV	217.6730, -27.4468, 30.1048
Hunter-Lab	83.6698, 3.0697, 27.3387

Details

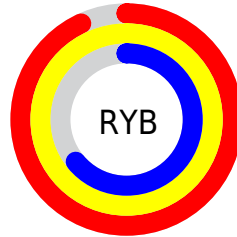
The CIELCh color **87, 30.632, 75.395** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 28.459, 266.144**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **67, 30.663, 75.908** is the 20% darker color. If you saturate the color by 10%, you get **84, 39.963, 74.034**, and if you desaturate by 10%, it is **90, 21.616, 76.740**.

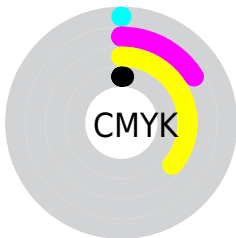
Distribution



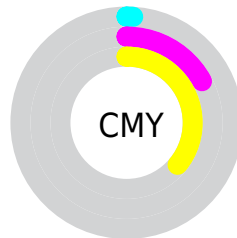
- Red (99%)
- Green (83%)
- Blue (64%)



- Red (93%)
- Yellow (99%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (1%)



- Cyan (1%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 30.632, 75.395 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, 30.632, 75.395 by changing the saturation by 10% instead.

87, 30.632, 75.395

87, 30.632, 75.395

100, 30.632,
75.395

77, 30.632, 75.395

67, 30.632, 75.395

57, 30.632, 75.395

47, 30.632, 75.395

37, 30.632, 75.395

27, 30.632, 75.395

17, 30.632, 75.395

7, 30.632, 75.395

0, 30.632, 75.395

87, 30.632, 75.395

87, 30.632, 75.395

84, 39.963, 74.034

90, 21.616, 76.740

81, 49.520, 72.630

94, 12.941, 78.045

78, 59.089, 71.152

97, 4.600, 79.276

75, 68.229, 69.514

100, 0.985,
200.015

72, 76.131, 67.534

70, 81.654, 64.901

69, 83.409, 63.615

Harmonies

Complementary

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



87, 30.632, 75.395



80, 28.459, 266.144

Rectangle

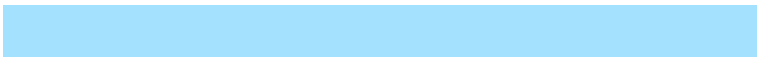
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 30.632, 75.395



87, 30.632, 125.395



87, 30.632, 255.395



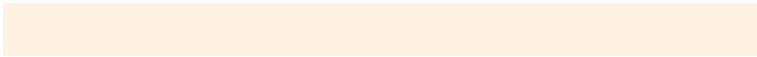
87, 30.632, 305.395

Sweetspot

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



87, 30.632, 75.401



96, 9.066, 78.639



77, 39.670, 349.124



51, 6.108, 78.469



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, 30.632, 75.401



86, 37.763, 74.402



97, 45.058, 108.205



50, 4.594, 78.827



52, 66.905, 64.320



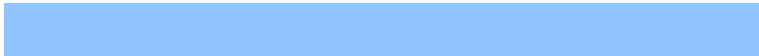
16, 25.900, 66.193

Inverse Universe

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



80, 28.459, 266.144



78, 34.521, 267.901



70, 49.339, 295.878



49, 4.523, 261.406



38, 62.952, 288.201



10, 24.854, 281.673

Previews

White Background



This preview shows how the CIELCh color 87, 30.632, 75.395 looks on a white background.

Color Contrast Check

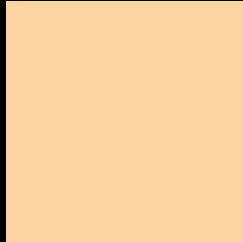
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 30.632, 75.395 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, 30.632, 75.395

Background



This preview shows how black text looks on a background with the CIELCh color 87, 30.632, 75.395.



This preview shows how white text looks on a background with the CIELCh color 87, 30.632, 75.395.

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, 30.632, 75.395

Protanopia

87, 28.135, 95.650

Deuteranopia

87, 29.028, 69.900



Tritanopia
87, 19.763, 359.371

Trichromacy



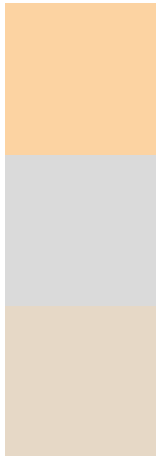
Original Color
87, 30.632, 75.395

Protanomaly
87, 28.716, 88.421

Deuteranomaly
87, 29.626, 71.587

Tritanomaly
87, 18.603, 35.146

Monochromacy



Original Color
87, 30.632, 75.395

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 10.753, 80.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 30.632, 75.395 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(252, 211, 162)` looks like.

```
.text, #text, p{  
    color:rgb(252, 211, 162)  
}
```

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(252, 211, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 211, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 30.632, 75.395 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(252, 211, 162) }
```

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

```
.border{ border-color:rgb(252, 211, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 211, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 211, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 211, 162);  
box-shadow:4px 4px 4px 4px rgb(252, 211,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 30.632, 75.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 211, 162) }
```

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

```
.background{ background-color: rgb(252,  
211, 162) }
```

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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