

Converting Colors

CIELCh(89, 36.503, 67.089)

Have a look what the booklet for
CIELCh(89, 36.503, 67.089) contains.

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Color

CIELCh(87, 32.411, 75.469)

Conversions

Conversions Part 1

Format	Color
Hex	FED39F
RGB	254, 211, 159
RGB Percent	100%, 83%, 62%
CMY	0.0050, 0.1733, 0.3771
CMYK	0.00, 0.17, 0.37, 0.00
HSL	33°, 97%, 81%
HSV	33°, 37%, 100%
XYZ	70.2627, 70.0064, 42.5421
YIQ	217.9290, 42.3200, -7.0560

Conversions

Conversions Part 2

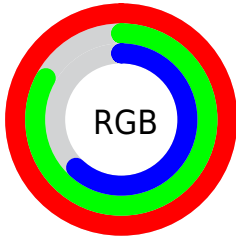
Format	Color
R_{YB}	238, 254, 159
Decimal	16700319
CIE _{Lab}	87.00, 8.13, 31.37
CIE _{LCh}	87, 32.411, 75.469
Yxy	70.0064, 0.3843, 0.3829
Android (android.graphics.Color)	4294890399 (0xFF FED39F)
YUV	217.9290, -29.0520, 31.6343
Hunter-Lab	83.6698, 3.4753, 28.4228

Details

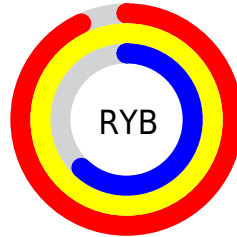
The CIELCh color **87, 32.411, 75.469** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 30.058, 266.850**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **67, 32.579, 75.830** is the 20% darker color. If you saturate the color by 10%, you get **84, 41.839, 74.098**, and if you desaturate by 10%, it is **90, 23.285, 76.822**.

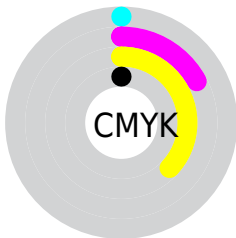
Distribution



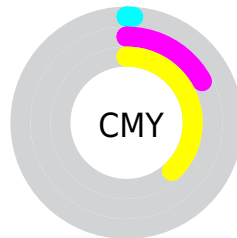
- Red (100%)
- Green (83%)
- Blue (62%)



- Red (93%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (37%)
- Black (0%)



- Cyan (1%)
- Magenta (17%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 32.411, 75.469 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, 32.411, 75.469 by changing the saturation by 10% instead.

 87, 32.411, 75.469

 87, 32.411, 75.469

 100, 32.411,
75.469

 77, 32.411, 75.469

 67, 32.411, 75.469

 57, 32.411, 75.469

 47, 32.411, 75.469

 37, 32.411, 75.469

 27, 32.411, 75.469

 17, 32.411, 75.469

 7, 32.411, 75.469

 0, 32.411, 75.469

87, 32.411, 75.469

87, 32.411, 75.469

84, 41.839, 74.098

90, 23.285, 76.822

81, 51.460, 72.678

94, 14.494, 78.137

78, 61.029, 71.175

97, 6.038, 79.394

75, 70.044, 69.487

100, 0.442,
200.876

72, 77.619, 67.414

70, 82.646, 64.647

69, 83.717, 63.879

Harmonies

Complementary

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



87, 32.411, 75.469



80, 30.058, 266.850

Rectangle

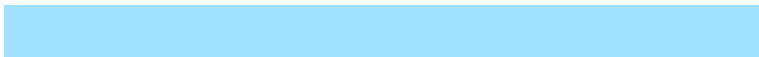
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 32.411, 75.469



87, 32.411, 125.469



87, 32.411, 255.469



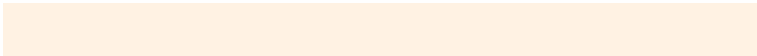
87, 32.411, 305.469

Sweetspot

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



87, 32.411, 75.475



96, 9.087, 78.952



76, 41.760, 349.347



51, 6.123, 78.782



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, 32.411, 75.475



85, 39.722, 74.429



97, 47.355, 108.052



51, 4.683, 79.138



53, 67.522, 64.558



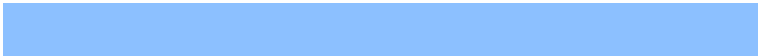
17, 27.080, 66.613

Inverse Universe

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



80, 30.058, 266.850



76, 36.249, 268.734



69, 52.134, 296.155



50, 4.611, 261.724



39, 64.030, 288.505



11, 25.856, 282.341

Previews

White Background



This preview shows how the CIELCh color 87, 32.411, 75.469 looks on a white background.

Color Contrast Check

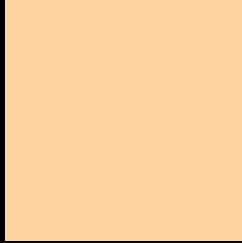
Large Text (above 18pt) WCAG AA × Fail

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, 32.411, 75.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

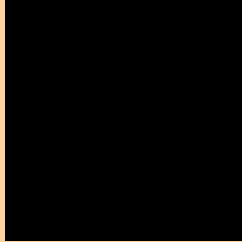
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 32.411, 75.469

Background



This preview shows how black text looks on a background with the CIELCh color 87, 32.411, 75.469.



This preview shows how white text looks on a background with the CIELCh color 87, 32.411, 75.469.

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, 32.444, 75.450

Protanopia

87, 29.731, 95.344

Deuteranopia

87, 29.883, 70.977



Tritanopia
87, 19.763, 359.371

Trichromacy



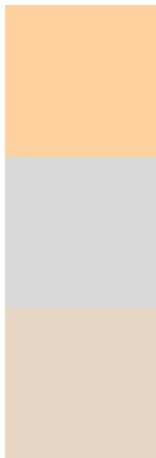
Original Color
87, 32.444, 75.450

Protanomaly
87, 30.007, 87.476

Deuteranomaly
87, 30.748, 71.988

Tritanomaly
87, 19.158, 36.334

Monochromacy



Original Color
87, 32.444, 75.450

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 11.607, 77.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 32.411, 75.469 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(254, 211, 159)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 159)  
}
```

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(254, 211, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 32.411, 75.469 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(254, 211, 159) }
```

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

```
.border{ border-color:rgb(254, 211, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 211, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 159);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 32.411, 75.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 211, 159) }
```

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

```
.background{ background-color: rgb(254,  
211, 159) }
```

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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