

Converting Colors

CIELCh(91, 49.697, 64.087)

Have a look what the booklet for
CIELCh(91, 49.697, 64.087) contains.

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Color

CIELCh(87, 39.746, 80.693)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FED490 |
| RGB | 254, 212, 144 |
| RGB Percent | 100%, 83%, 56% |
| CMY | 0.0020, 0.1705, 0.4371 |
| CMYK | 0.00, 0.17, 0.44, 0.00 |
| HSL | 37°, 99%, 78% |
| HSV | 37°, 44%, 100% |
| XYZ | 69.4712, 70.0064, 36.0524 |
| YIQ | 216.8060, 46.8600, -12.2440 |

Conversions

Conversions Part 2

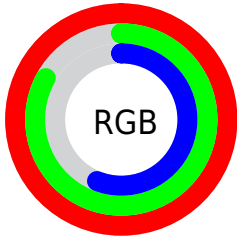
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 212, 254, 144 |
| Decimal | 16700560 |
| CIE Lab | 87.00, 6.43, 39.22 |
| CIE LCh | 87, 39.746, 80.693 |
| Yxy | 70.0064, 0.3958, 0.3988 |
| Android (android.graphics.Color) | 4294890640 (0xFF FED490) |
| YUV | 216.8060, -35.8934, 32.6191 |
| Hunter-Lab | 83.6698, 1.7866, 33.0215 |

Details

The CIELCh color **87, 39.746, 80.693** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.155, 274.440**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.233, 108.033**, and **67, 39.771, 81.938** is the 20% darker color. If you saturate the color by 10%, you get **84, 49.349, 79.242**, and if you desaturate by 10%, it is **90, 30.243, 82.107**.

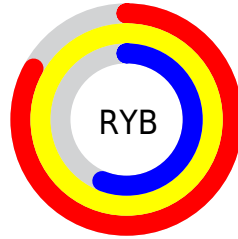
Distribution



Red (100%)

Green (83%)

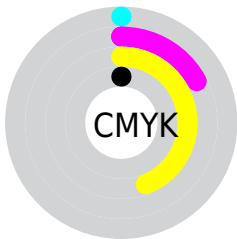
Blue (56%)



Red (83%)

Yellow (100%)

Blue (56%)

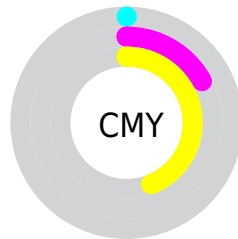


Cyan (0%)

Magenta (17%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 39.746, 80.693 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, 39.746, 80.693 by changing the saturation by 10% instead.

 87, 39.746, 80.693

 87, 39.746, 80.693

 100, 39.746,
80.693

 77, 39.746, 80.693

 67, 39.746, 80.693

 57, 39.746, 80.693

 47, 39.746, 80.693

 37, 39.746, 80.693

 27, 39.746, 80.693

 17, 39.746, 80.693

 7, 39.746, 80.693

 0, 39.746, 80.693

87, 39.746, 80.693

87, 39.746, 80.693

84, 49.349, 79.242

90, 30.243, 82.107

82, 58.826, 77.714

93, 20.944, 83.475

79, 67.742, 76.051

96, 11.891, 84.797

77, 75.338, 74.124

99, 3.092, 86.009

74, 80.571, 71.705

100, 0.179,
203.090

73, 82.618, 69.868

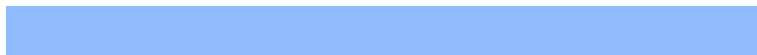
Harmonies

Complementary

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



87, 39.746, 80.693



75, 38.155, 274.440

Rectangle

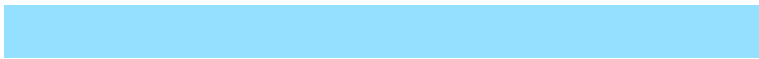
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 39.746, 80.693



87, 39.746, 130.693



87, 39.746, 260.693



87, 39.746, 310.693

Sweetspot

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



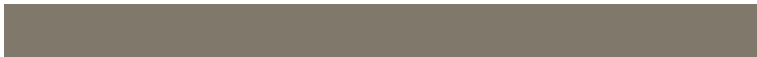
87, 39.746, 80.698



96, 11.380, 84.874



73, 47.177, 354.528



51, 7.989, 84.588



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, 39.746, 80.698



85, 47.897, 79.477



97, 55.097, 110.559



52, 4.950, 85.319



56, 66.590, 70.491



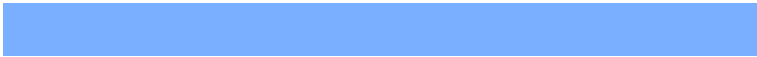
18, 27.490, 73.128

Inverse Universe

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



75, 38.155, 274.440



71, 45.759, 276.689



65, 61.763, 299.102



50, 4.918, 267.891



35, 72.182, 293.392



9, 28.977, 287.784

Previews

White Background



This preview shows how the CIELCh color 87, 39.746, 80.693 looks on a white background.

Color Contrast Check

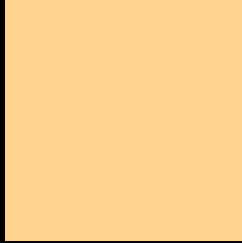
Large Text (above 18pt) WCAG AA × Fail

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, 39.746, 80.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

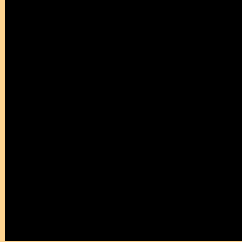
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 39.746, 80.693

Background



This preview shows how black text looks on a background with the CIELCh color 87, 39.746, 80.693.



This preview shows how white text looks on a background with the CIELCh color 87, 39.746, 80.693.

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, 39.548, 81.223

Protanopia

87, 37.885, 95.877

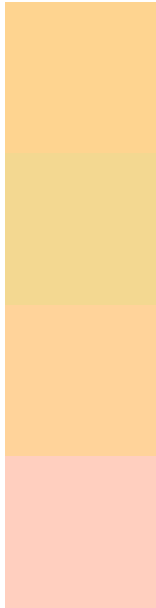
Deuteranopia

87, 32.063, 73.389



Tritanopia
87, 19.607, 0.806

Trichromacy



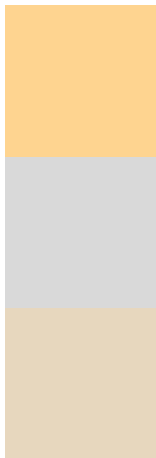
Original Color
87, 39.548, 81.223

Protanomaly
87, 38.410, 90.346

Deuteranomaly
87, 34.932, 76.785

Tritanomaly
87, 20.458, 44.473

Monochromacy



Original Color
87, 39.548, 81.223

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 14.403, 83.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 39.746, 80.693 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, 212, 144)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 144)  
}
```

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, 212, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 39.746, 80.693 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, 212, 144) }
```

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

```
.border{ border-color:rgb(254, 212, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 212, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 144);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 39.746, 80.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 144) }
```

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

```
.background{ background-color: rgb(254,  
212, 144) }
```

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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