

Converting Colors

CIELCh(96, 62.239, 49.763)

Have a look what the booklet for
CIELCh(96, 62.239, 49.763) contains.

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Color

CIELCh(87, 34.932, 76.785)

Conversions

Conversions Part 1

Format	Color
Hex	FFD39A
RGB	255, 211, 154
RGB Percent	100%, 83%, 60%
CMY	0.0010, 0.1735, 0.3970
CMYK	0.00, 0.17, 0.40, 0.00
HSL	34°, 99%, 80%
HSV	34°, 40%, 100%
XYZ	70.1945, 70.0064, 40.2852
YIQ	217.6580, 44.5210, -8.3990

Conversions

Conversions Part 2

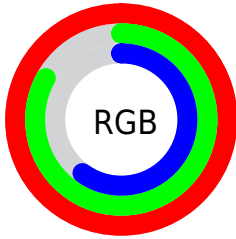
Format	Color
R _Y B	232, 255, 154
Decimal	16765850
CIE Lab	87.00, 7.99, 34.01
CIE LCh	87, 34.932, 76.785
Yxy	70.0064, 0.3889, 0.3879
Android (android.graphics.Color)	4294955930 (0xFFFFD39A)
YUV	217.6580, -31.3834, 32.7489
Hunter-Lab	83.6698, 3.3297, 30.0221

Details

The CIELCh color **87, 34.932, 76.785** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.613, 269.047**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **67, 35.198, 77.049** is the 20% darker color. If you saturate the color by 10%, you get **84, 44.457, 75.384**, and if you desaturate by 10%, it is **90, 25.659, 78.162**.

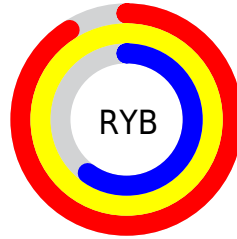
Distribution



Red (100%)

Green (83%)

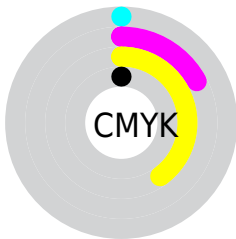
Blue (60%)



Red (91%)

Yellow (100%)

Blue (60%)

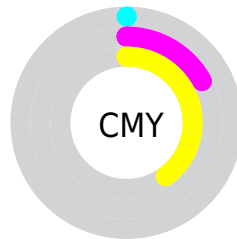


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 34.932, 76.785 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, 34.932, 76.785 by changing the saturation by 10% instead.

 87, 34.932, 76.785

 87, 34.932, 76.785

 100, 34.932,
76.785

 77, 34.932, 76.785

 67, 34.932, 76.785

 57, 34.932, 76.785

 47, 34.932, 76.785

 37, 34.932, 76.785

 27, 34.932, 76.785

 17, 34.932, 76.785

 7, 34.932, 76.785

 0, 34.932, 76.785

87, 34.932, 76.785

87, 34.932, 76.785

84, 44.457, 75.384

90, 25.659, 78.162

81, 54.091, 73.925

93, 16.692, 79.499

78, 63.530, 72.362

97, 8.040, 80.786

75, 72.184, 70.582

100, 0.088,
206.920

73, 79.076, 68.364

70, 83.397, 65.488

70, 83.541, 65.383

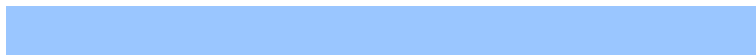
Harmonies

Complementary

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



87, 34.932, 76.785



79, 32.613, 269.047

Rectangle

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



87, 34.932, 76.785



87, 34.932, 126.785



87, 34.932, 256.785



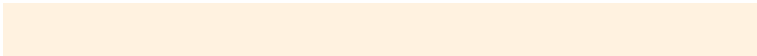
87, 34.932, 306.785

Sweetspot

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



87, 34.932, 76.790



96, 10.065, 80.488



75, 44.005, 350.684



51, 6.693, 80.322



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, 34.932, 76.790



85, 42.921, 75.617



98, 50.258, 108.609



51, 4.746, 80.802



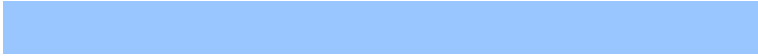
54, 67.202, 66.058



17, 27.151, 68.309

Inverse Universe

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



79, 32.613, 269.047



74, 39.504, 271.197



68, 55.716, 297.022



50, 4.685, 263.393



38, 66.111, 289.873



10, 26.642, 283.851

Previews

White Background



This preview shows how the CIELCh color 87, 34.932, 76.785 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, 34.932, 76.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

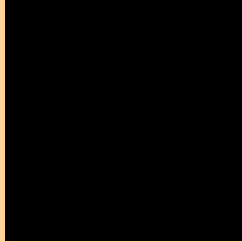
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 34.932, 76.785

Background



This preview shows how black text looks on a background with the CIELCh color 87, 34.932, 76.785.



This preview shows how white text looks on a background with the CIELCh color 87, 34.932, 76.785.

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, 34.932, 76.785

Protanopia

87, 32.325, 95.323

Deuteranopia

87, 30.748, 71.988



Tritanopia
87, 19.607, 0.806

Trichromacy



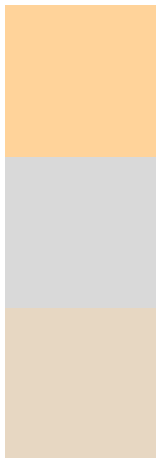
Original Color
87, 34.932, 76.785

Protanomaly
87, 32.590, 88.040

Deuteranomaly
87, 32.063, 73.389

Tritanomaly
87, 19.544, 39.170

Monochromacy



Original Color
87, 34.932, 76.785

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 12.521, 80.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 34.932, 76.785 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(255, 211, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 154)  
}
```

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(255, 211, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 34.932, 76.785 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(255, 211, 154) }
```

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

```
.border{ border-color:rgb(255, 211, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 34.932, 76.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 154) }
```

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

```
.background{ background-color: rgb(255,  
211, 154) }
```

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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