

Converting Colors

CIE LCh(87, 33.320, 86.340)

Have a look what the booklet for
CIELCh(87, 33.320, 86.340) contains.

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Color

CIELCh(87, 33.372, 86.956)

Conversions

Conversions Part 1

Format	Color
Hex	F4D79B
RGB	244, 215, 155
RGB Percent	96%, 84%, 61%
CMY	0.0442, 0.1579, 0.3931
CMYK	0.00, 0.12, 0.37, 0.04
HSL	40°, 80%, 78%
HSV	40°, 37%, 96%
XYZ	67.3390, 70.0064, 40.8620
YIQ	216.8310, 36.5440, -12.5120

Conversions

Conversions Part 2

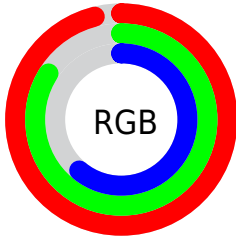
Format	Color
RYB	198, 244, 155
Decimal	16045979
CIELab	87.00, 1.77, 33.32
CIELCh	87, 33.372, 86.956
Yxy	70.0064, 0.3779, 0.3928
Android (android.graphics.Color)	4294236059 (0xFFFF4D79B)
YUV	216.8310, -30.4827, 23.8272
Hunter-Lab	83.6698, -2.7622, 29.6133

Details

The CIELCh color $87, 33.372, 86.956$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $75, 33.253, 277.725$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 22.729, 108.455$, and $67, 33.230, 86.942$ is the 20% darker color. If you saturate the color by 10%, you get $85, 42.792, 85.563$, and if you desaturate by 10%, it is $89, 24.019, 88.317$.

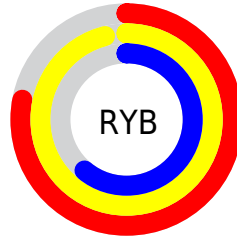
Distribution



Red (96%)

Green (84%)

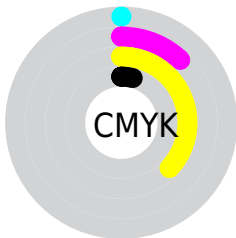
Blue (61%)



Red (78%)

Yellow (96%)

Blue (61%)

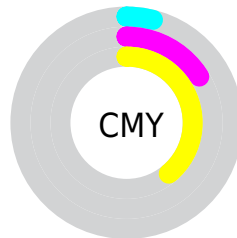


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 33.372, 86.956 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, 33.372, 86.956 by changing the saturation by 10% instead.

 87, 33.372, 86.956

 87, 33.372, 86.956

 100, 33.372,
86.956

 77, 33.372, 86.956

 67, 33.372, 86.956

 57, 33.372, 86.956

 47, 33.372, 86.956

 37, 33.372, 86.956

 27, 33.372, 86.956

 17, 33.372, 86.956

 7, 33.372, 86.956

 0, 33.372, 86.956

87, 33.372, 86.956

87, 33.372, 86.956

85, 42.792, 85.563

89, 24.019, 88.317

82, 52.117, 84.117

92, 14.807, 89.629

80, 61.047, 82.597

94, 5.770, 90.876

78, 69.052, 80.945

97, 3.083, 272.241

76, 75.308, 79.043

99, 3.706, 203.822

74, 78.915, 76.709

99, 3.895, 199.328

73, 79.765, 75.827

Harmonies

Complementary

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



87, 33.372, 86.956



75, 33.253, 277.725

Rectangle

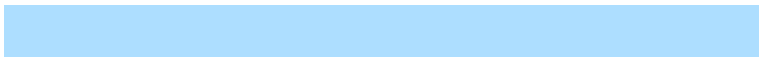
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 33.372, 86.956



87, 33.372, 136.956



87, 33.372, 266.956



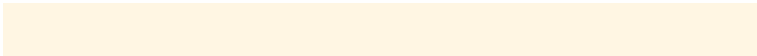
87, 33.372, 316.956

Sweetspot

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



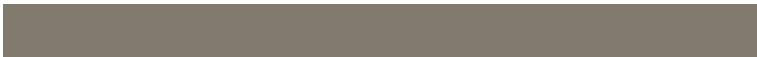
87, 33.373, 86.961



97, 10.176, 90.325



74, 37.081, 357.937



51, 6.847, 90.154



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, 33.373, 86.961



89, 41.945, 85.903



93, 45.191, 114.044



50, 5.077, 90.515



57, 65.186, 76.345



17, 25.878, 79.152

Inverse Universe

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



75, 33.253, 277.725



73, 41.867, 279.463



68, 49.331, 300.144



48, 5.080, 273.005



31, 78.190, 297.039



7, 29.751, 291.113

Previews

White Background



This preview shows how the CIELCh color 87, 33.372, 86.956 looks on a white background.

Color Contrast Check

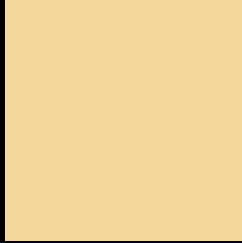
Large Text (above 18pt) WCAG AA × Fail

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, 33.372, 86.956 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, 33.372, 86.956

Background



This preview shows how black text looks on a background with the CIELCh color 87, 33.372, 86.956.



This preview shows how white text looks on a background with the CIELCh color 87, 33.372, 86.956.

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, 33.372, 86.956

Protanopia
87, 32.825, 95.451

Deuteranopia
87, 30.314, 71.490



Tritanopia
87, 18.426, 353.984

Trichromacy



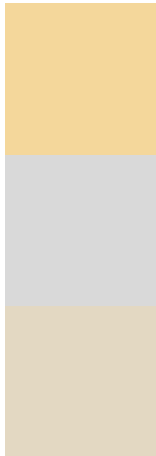
Original Color
87, 33.372, 86.956

Protanomaly
87, 32.752, 92.543

Deuteranomaly
87, 31.059, 77.529

Tritanomaly
87, 15.963, 41.306

Monochromacy



Original Color
87, 33.372, 86.956

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 12.195, 89.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 33.372, 86.956 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(244, 215, 155)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 155)  
}
```

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(244, 215, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 33.372, 86.956 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(244, 215, 155) }
```

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

```
.border{ border-color:rgb(244, 215, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 155);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 33.372, 86.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 155) }
```

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

```
.background{ background-color: rgb(244,  
215, 155) }
```

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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