

Converting Colors

CIELCh(89, 33.723, 90.621)

Have a look what the booklet for
CIELCh(89, 33.723, 90.621) contains.

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Color

CIELCh(89, 33.948, 90.980)

Conversions

Conversions Part 1

Format	Color
Hex	F6DE9F
RGB	246, 222, 159
RGB Percent	96%, 87%, 62%
CMY	0.0362, 0.1303, 0.3773
CMYK	0.00, 0.10, 0.35, 0.04
HSL	43°, 82%, 79%
HSV	43°, 35%, 96%
XYZ	70.2198, 74.1641, 43.3144
YIQ	221.9940, 34.5270, -14.5050

Conversions

Conversions Part 2

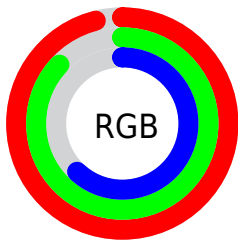
Format	Color
R_{YB}	192, 246, 159
Decimal	16178847
CIE Lab	89.00, -0.58, 33.94
CIE LCh	89, 33.948, 90.980
Yxy	74.1641, 0.3741, 0.3951
Android (android.graphics.Color)	4294368927 (0xFFFF6DE9F)
YUV	221.9940, -31.0560, 21.0533
Hunter-Lab	86.1186, -5.1613, 30.4624

Details

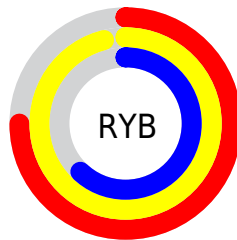
The CIELCh color **89, 33.948, 90.980** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 34.542, 281.045**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **69, 33.783, 91.263** is the 20% darker color. If you saturate the color by 10%, you get **87, 43.665, 89.639**, and if you desaturate by 10%, it is **91, 24.224, 92.295**.

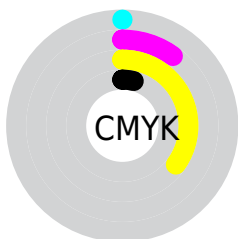
Distribution



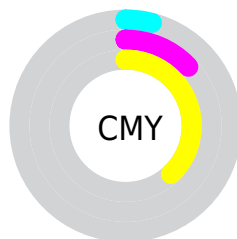
- Red (96%)
- Green (87%)
- Blue (62%)



- Red (75%)
- Yellow (96%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 33.948, 90.980 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 89, 33.948, 90.980 by changing the saturation by 10% instead.

 89, 33.948, 90.980

 89, 33.948, 90.980

 100, 33.948,
90.980

 79, 33.948, 90.980

 69, 33.948, 90.980

 59, 33.948, 90.980

 49, 33.948, 90.980

 39, 33.948, 90.980

 29, 33.948, 90.980

 19, 33.948, 90.980

 9, 33.948, 90.980

 0, 33.948, 90.980

89, 33.948, 90.980

89, 33.948, 90.980

87, 43.665, 89.639

91, 24.224, 92.295

85, 53.200, 88.255

93, 14.580, 93.564

83, 62.239, 86.818

96, 5.062, 94.767

81, 70.251, 85.292

98, 3.296, 271.302

79, 76.443, 83.596

99, 3.197, 199.410

78, 79.959, 81.600

77, 80.854, 80.589

Harmonies

Complementary

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



89, 33.948, 90.980



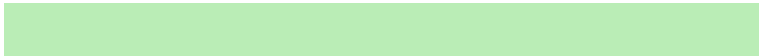
75, 34.542, 281.045

Rectangle

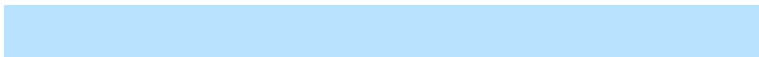
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 33.948, 90.980



89, 33.948, 140.980



89, 33.948, 270.980



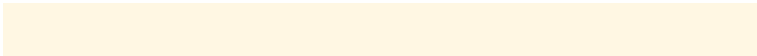
89, 33.948, 320.980

Sweetspot

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



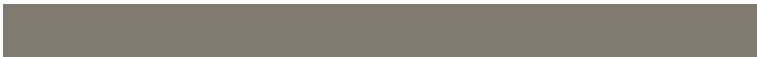
89, 33.949, 90.985



97, 10.699, 94.102



75, 35.538, 1.312



52, 7.197, 93.936



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

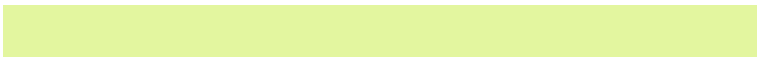
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 33.949, 90.985



91, 41.607, 90.088



94, 44.424, 116.265



50, 5.341, 94.287



60, 65.708, 81.032



18, 26.668, 83.770

Inverse Universe

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



75, 34.542, 281.045



73, 42.589, 282.491



70, 48.171, 301.617



48, 5.370, 276.693



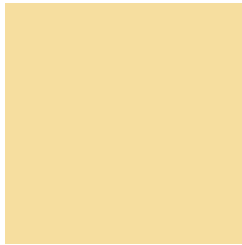
29, 84.170, 299.518



6, 31.751, 293.461

Previews

White Background



This preview shows how the CIELCh color 89, 33.948, 90.980 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 89, 33.948, 90.980 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 89, 33.948, 90.980

Background



This preview shows how black text looks on a background with the CIELCh color 89, 33.948, 90.980.



This preview shows how white text looks on a background with the CIELCh color 89, 33.948, 90.980.

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

89, 33.948, 90.980

Protanopia

89, 33.776, 95.109

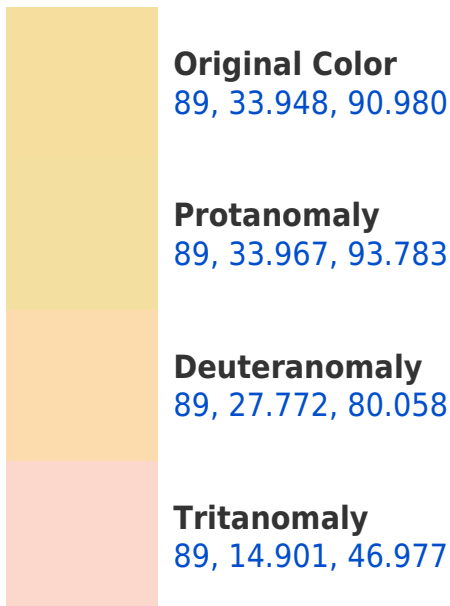
Deuteranopia

89, 24.477, 71.029



Tritanopia
89, 17.022, 351.542

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 33.948, 90.980 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(246, 222, 159)` looks like.

```
.text, #text, p{  
    color:rgb(246, 222, 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(246, 222, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 222, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 33.948, 90.980 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(246, 222, 159) }
```

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

```
.border{ border-color:rgb(246, 222, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 222, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 222, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 222, 159);  
box-shadow:4px 4px 4px 4px rgb(246, 222,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 33.948, 90.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 222, 159) }
```

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

```
.background{ background-color: rgb(246,  
222, 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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