

Converting Colors

CIELCh(90, 34.893, 86.259)

Have a look what the booklet for
CIELCh(90, 34.893, 86.259) contains.

CIELCh(90, 34.887, 86.550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(90, 34.887, 86.550)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFA0
RGB	254, 223, 160
RGB Percent	100%, 87%, 63%
CMY	0.0044, 0.1259, 0.3729
CMYK	0.00, 0.12, 0.37, 0.00
HSL	40°, 98%, 81%
HSV	40°, 37%, 100%
XYZ	73.5284, 76.3034, 44.0638
YIQ	225.0870, 38.6990, -13.0210

Conversions

Conversions Part 2

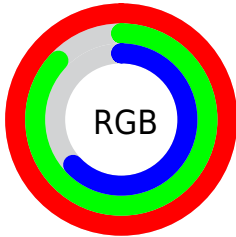
Format	Color
R _Y B	206, 254, 160
Decimal	16703392
CIE Lab	90.00, 2.10, 34.82
CIE LCh	90, 34.887, 86.550
Yxy	76.3034, 0.3792, 0.3935
Android (android.graphics.Color)	4294893472 (0xFFFEFDA0)
YUV	225.0870, -32.0879, 25.3567
Hunter-Lab	87.3518, -2.6132, 31.2380

Details

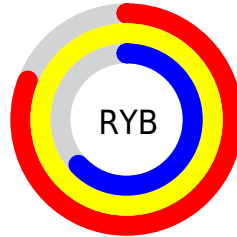
The CIELCh color **90, 34.887, 86.550** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 34.698, 277.553**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **70, 34.767, 86.486** is the 20% darker color. If you saturate the color by 10%, you get **88, 44.608, 85.149**, and if you desaturate by 10%, it is **93, 25.235, 87.919**.

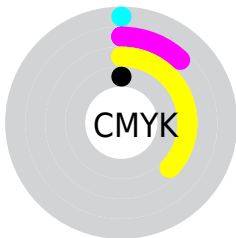
Distribution



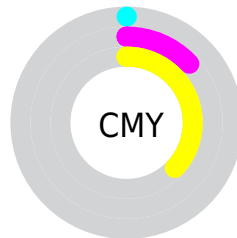
- Red (100%)
- Green (87%)
- Blue (63%)



- Red (81%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 34.887, 86.550 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 90, 34.887, 86.550 by changing the saturation by 10% instead.

 90, 34.887, 86.550

 90, 34.887, 86.550

 100, 34.887,
86.550

 80, 34.887, 86.550

 70, 34.887, 86.550

 60, 34.887, 86.550

 50, 34.887, 86.550

 40, 34.887, 86.550

 30, 34.887, 86.550

 20, 34.887, 86.550

 10, 34.887, 86.550

 0, 34.887, 86.550

90, 34.887, 86.550

90, 34.887, 86.550

88, 44.608, 85.149

93, 25.235, 87.919

85, 54.227, 83.692

95, 15.732, 89.239

83, 63.422, 82.158

98, 6.414, 90.496

81, 71.625, 80.483

100, 0.386,
201.100

79, 77.965, 78.541

77, 81.524, 76.144

76, 82.251, 75.376

Harmonies

Complementary

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



90, 34.887, 86.550



77, 34.698, 277.553

Rectangle

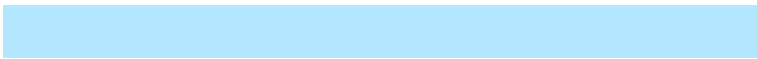
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 34.887, 86.550



90, 34.887, 136.550



90, 34.887, 266.550



90, 34.887, 316.550

Sweetspot

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



90, 34.888, 86.555



97, 10.136, 90.007



76, 38.886, 358.030



51, 6.821, 89.836



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 34.888, 86.555



89, 41.822, 85.577



97, 47.343, 114.002



52, 5.230, 90.193



59, 66.489, 75.911



19, 28.143, 78.677

Inverse Universe

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



77, 34.698, 277.553



73, 41.646, 279.166



70, 51.771, 300.216



50, 5.230, 272.698



33, 79.440, 296.890



8, 31.869, 291.785

Previews

White Background



This preview shows how the CIELCh color 90, 34.887, 86.550 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 90, 34.887, 86.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

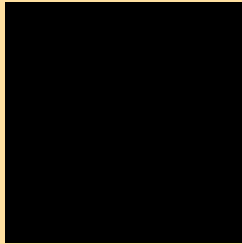
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 34.887, 86.550

Background



This preview shows how black text looks on a background with the CIELCh color 90, 34.887, 86.550.



This preview shows how white text looks on a background with the CIELCh color 90, 34.887, 86.550.

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

90, 34.887, 86.550

Protanopia

90, 34.191, 95.282

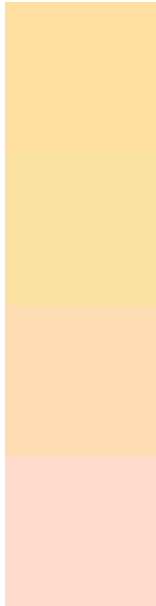
Deuteranopia

90, 21.541, 69.752



Tritanopia
90, 15.883, 353.466

Trichromacy



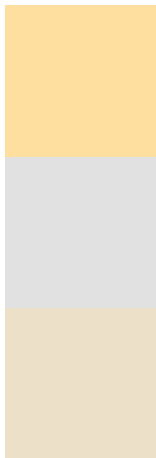
Original Color
90, 34.887, 86.550

Protanomaly
90, 34.236, 91.857

Deuteranomaly
90, 26.091, 77.505

Tritanomaly
90, 15.463, 47.998

Monochromacy



Original Color
90, 34.887, 86.550

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 12.729, 88.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 34.887, 86.550 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, 223, 160)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 160)  
}
```

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, 223, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 34.887, 86.550 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, 223, 160) }
```

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

```
.border{ border-color:rgb(254, 223, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 160);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 34.887, 86.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 160) }
```

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

```
.background{ background-color: rgb(254,  
223, 160) }
```

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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