

Converting Colors

CIELCh(90, 36.031, 86.377)

Have a look what the booklet for
CIELCh(90, 36.031, 86.377) contains.

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Color

CIELCh(90, 36.000, 86.397)

Conversions

Conversions Part 1

Format	Color
Hex	FFDF9E
RGB	255, 223, 158
RGB Percent	100%, 87%, 62%
CMY	0.0011, 0.1265, 0.3814
CMYK	0.00, 0.13, 0.38, 0.00
HSL	40°, 99%, 81%
HSV	40°, 38%, 100%
XYZ	73.6067, 76.3034, 43.0837
YIQ	225.1580, 39.9370, -13.4310

Conversions

Conversions Part 2

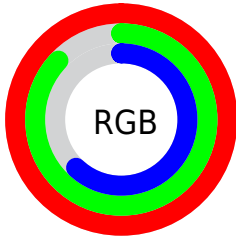
Format	Color
R _Y B	206, 255, 158
Decimal	16768926
CIE Lab	90.00, 2.26, 35.93
CIE LCh	90, 36.000, 86.397
Yxy	76.3034, 0.3814, 0.3954
Android (android.graphics.Color)	4294959006 (0xFFFFDF9E)
YUV	225.1580, -33.1089, 26.1714
Hunter-Lab	87.3518, -2.4532, 31.9032

Details

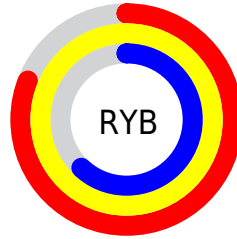
The CIELCh color **90, 36.000, 86.397** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.807, 277.779**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **70, 35.927, 86.264** is the 20% darker color. If you saturate the color by 10%, you get **88, 45.746, 84.991**, and if you desaturate by 10%, it is **93, 26.311, 87.771**.

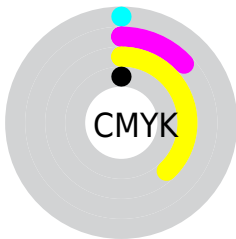
Distribution



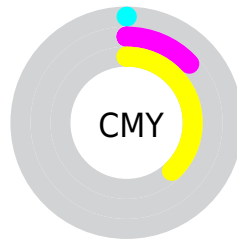
- Red (100%)
- Green (87%)
- Blue (62%)



- Red (81%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 36.000, 86.397 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, 36.000, 86.397 by changing the saturation by 10% instead.

90, 36.000, 86.397

90, 36.000, 86.397

100, 36.000,
86.397

80, 36.000, 86.397

70, 36.000, 86.397

60, 36.000, 86.397

50, 36.000, 86.397

40, 36.000, 86.397

30, 36.000, 86.397

20, 36.000, 86.397

10, 36.000, 86.397

0, 36.000, 86.397

90, 36.000, 86.397

90, 36.000, 86.397

88, 45.746, 84.991

93, 26.311, 87.771

85, 55.364, 83.527

95, 16.765, 89.096

83, 64.511, 81.981

98, 7.403, 90.363

81, 72.584, 80.285

100, 0.095,
206.385

79, 78.683, 78.304

77, 81.978, 75.858

76, 82.455, 75.363

Harmonies

Complementary

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



90, 36.000, 86.397



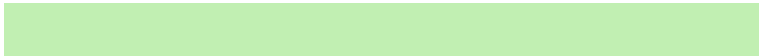
77, 35.807, 277.779

Rectangle

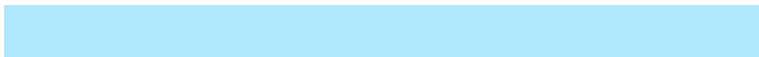
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 36.000, 86.397



90, 36.000, 136.397



90, 36.000, 266.397



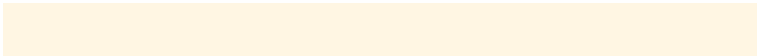
90, 36.000, 316.397

Sweetspot

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



90, 36.001, 86.402



97, 10.135, 90.000



76, 40.122, 358.198



51, 6.820, 89.830



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

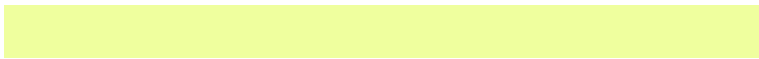
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 36.001, 86.402



88, 43.770, 85.286



97, 48.763, 113.928



52, 5.229, 90.187



59, 66.489, 75.903



19, 28.142, 78.669

Inverse Universe

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



77, 35.807, 277.779



72, 43.615, 279.655



70, 53.489, 300.344



50, 5.230, 272.692



33, 79.430, 296.885



8, 31.864, 291.780

Previews

White Background



This preview shows how the CIELCh color 90, 36.000, 86.397 looks on a white background.

Color Contrast Check

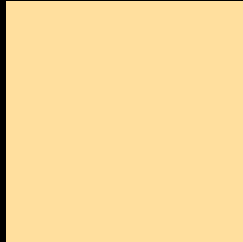
Large Text (above 18pt) WCAG AA × Fail

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, 36.000, 86.397 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, 36.000, 86.397

Background



This preview shows how black text looks on a background with the CIELCh color 90, 36.000, 86.397.



This preview shows how white text looks on a background with the CIELCh color 90, 36.000, 86.397.

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, 36.000, 86.397

Protanopia
90, 35.182, 95.515

Deuteranopia
90, 21.959, 70.523

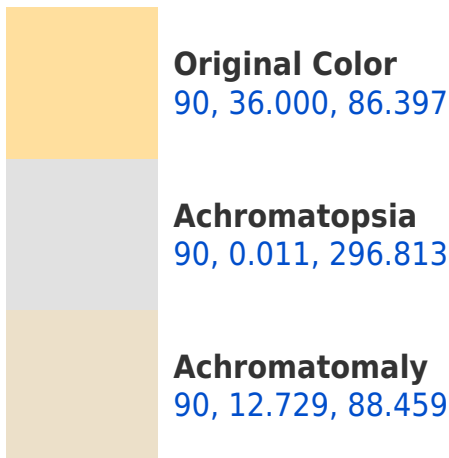


Tritanopia
90, 15.672, 355.171

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 36.000, 86.397 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, 223, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 158)  
}
```

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, 223, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 36.000, 86.397 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, 223, 158) }
```

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

```
.border{ border-color:rgb(255, 223, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 36.000, 86.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 158) }
```

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

```
.background{ background-color: rgb(255,  
223, 158) }
```

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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