

Converting Colors

CIELCh(90, 35.272, 85.862)

Have a look what the booklet for
CIELCh(90, 35.272, 85.862) contains.

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Color

CIELCh(90, 35.521, 86.170)

Conversions

Conversions Part 1

Format	Color
Hex	FFDF9F
RGB	255, 223, 159
RGB Percent	100%, 87%, 62%
CMY	0.0013, 0.1267, 0.3776
CMYK	0.00, 0.13, 0.38, 0.00
HSL	40°, 99%, 81%
HSV	40°, 38%, 100%
XYZ	73.6598, 76.3034, 43.5139
YIQ	225.2720, 39.6160, -13.1200

Conversions

Conversions Part 2

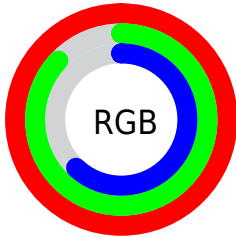
Format	Color
R _Y B	207, 255, 159
Decimal	16768927
CIE Lab	90.00, 2.37, 35.44
CIE LCh	90, 35.521, 86.170
Yxy	76.3034, 0.3807, 0.3944
Android (android.graphics.Color)	4294959007 (0xFFFFDF9F)
YUV	225.2720, -32.6721, 26.0715
Hunter-Lab	87.3518, -2.3447, 31.6112

Details

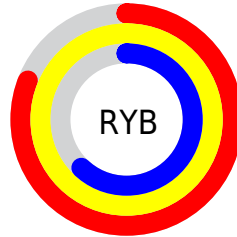
The CIELCh color **90, 35.521, 86.170** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.269, 277.432**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **70, 35.431, 86.048** is the 20% darker color. If you saturate the color by 10%, you get **88, 45.253, 84.763**, and if you desaturate by 10%, it is **93, 25.857, 87.544**.

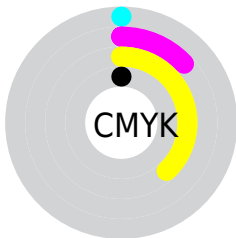
Distribution



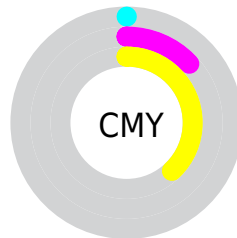
- Red (100%)
- Green (87%)
- Blue (62%)



- 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, 35.521, 86.170 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, 35.521, 86.170 by changing the saturation by 10% instead.

 90, 35.521, 86.170

 90, 35.521, 86.170

 100, 35.521,
86.170

 80, 35.521, 86.170

 70, 35.521, 86.170

 60, 35.521, 86.170

 50, 35.521, 86.170

 40, 35.521, 86.170

 30, 35.521, 86.170

 20, 35.521, 86.170

 10, 35.521, 86.170

 0, 35.521, 86.170

90, 35.521, 86.170

90, 35.521, 86.170

88, 45.253, 84.763

93, 25.857, 87.544

85, 54.876, 83.299

95, 16.344, 88.870

83, 64.055, 81.754

98, 7.018, 90.135

81, 72.203, 80.059

100, 0.112,
205.344

78, 78.427, 78.082

76, 81.853, 75.634

76, 82.432, 75.033

Harmonies

Complementary

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



90, 35.521, 86.170



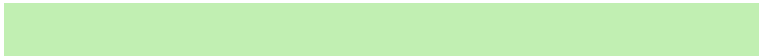
77, 35.269, 277.432

Rectangle

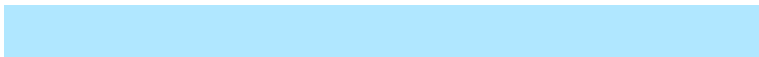
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 35.521, 86.170



90, 35.521, 136.170



90, 35.521, 266.170



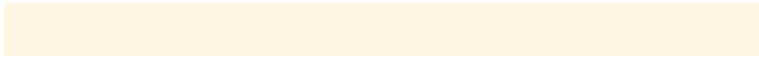
90, 35.521, 316.170

Sweetspot

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



90, 35.522, 86.175



97, 10.101, 89.725



76, 39.698, 358.136



51, 6.798, 89.554



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, 35.522, 86.175



88, 42.689, 85.146



97, 48.278, 113.955



52, 5.212, 89.911



58, 66.475, 75.579



19, 28.096, 78.347

Inverse Universe

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



77, 35.269, 277.432



73, 42.432, 279.149



70, 52.897, 300.297



50, 5.210, 272.422



33, 79.001, 296.696



8, 31.690, 291.560

Previews

White Background



This preview shows how the CIE LCh color 90, 35.521, 86.170 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, 35.521, 86.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

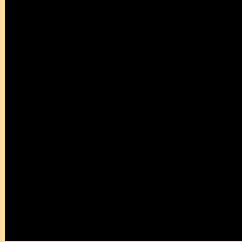
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 35.521, 86.170

Background



This preview shows how black text looks on a background with the CIELCh color 90, 35.521, 86.170.



This preview shows how white text looks on a background with the CIELCh color 90, 35.521, 86.170.

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, 35.521, 86.170

Protanopia

90, 34.687, 95.401

Deuteranopia

90, 21.959, 70.523

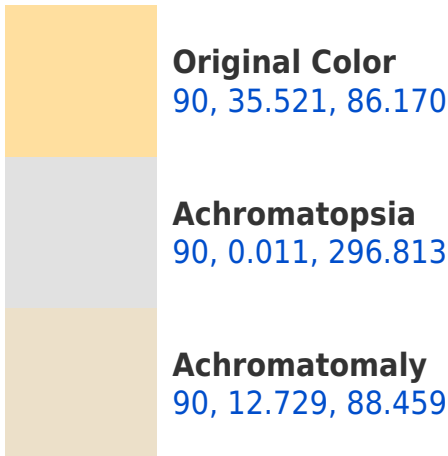


Tritanopia
90, 15.672, 355.171

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 35.521, 86.170 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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(255, 223, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 35.521, 86.170 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, 159) }
```

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

```
.border{ border-color:rgb(255, 223, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 223, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 223, 159); box-shadow:4px 4px 4px 4px rgb(255, 223, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 35.521, 86.170 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, 159) }
```

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

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