

Converting Colors

CIELCh(95, 38.361, 79.124)

Have a look what the booklet for
CIELCh(95, 38.361, 79.124) contains.

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Color

CIELCh(93, 34.755, 93.603)

Conversions

Conversions Part 1

Format	Color
Hex	FFEAA8
RGB	255, 234, 168
RGB Percent	100%, 92%, 66%
CMY	0.0000, 0.0822, 0.3410
CMYK	0.00, 0.08, 0.34, 0.00
HSL	46°, 100%, 83%
HSV	46°, 34%, 100%
XYZ	77.7630, 82.9670, 48.9809
YIQ	232.7550, 33.7020, -16.0740

Conversions

Conversions Part 2

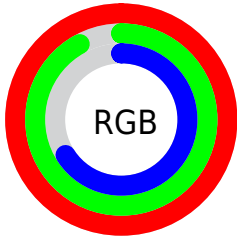
Format	Color
RYB	196, 255, 168
Decimal	16771752
CIELab	93.00, -2.18, 34.69
CIELCh	93, 34.755, 93.603
Yxy	82.9670, 0.3708, 0.3956
Android (android.graphics.Color)	4294961832 (0xFFFFEAA8)
YUV	232.7550, -31.9242, 19.5089
Hunter-Lab	91.0862, -7.0102, 31.8776

Details

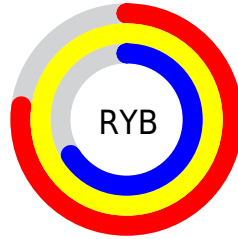
The CIELCh color **93, 34.755, 93.603** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 35.765, 283.043**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **73, 34.708, 93.383** is the 20% darker color. If you saturate the color by 10%, you get **91, 44.977, 92.335**, and if you desaturate by 10%, it is **95, 24.474, 94.907**.

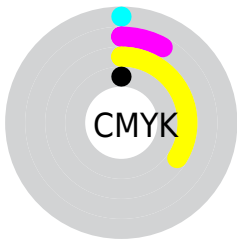
Distribution



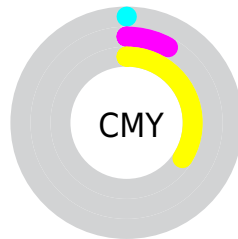
- Red (100%)
- Green (92%)
- Blue (66%)



- Red (77%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 34.755, 93.603 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 93, 34.755, 93.603 by changing the saturation by 10% instead.

 93, 34.755, 93.603

 93, 34.755, 93.603

 100, 34.755,
93.603

 83, 34.755, 93.603

 73, 34.755, 93.603

 63, 34.755, 93.603

 53, 34.755, 93.603

 43, 34.755, 93.603

 33, 34.755, 93.603

 23, 34.755, 93.603

 13, 34.755, 93.603

 3, 34.755, 93.603

93, 34.755, 93.603

93, 34.755, 93.603

91, 44.977, 92.335

95, 24.474, 94.907

89, 54.968, 91.006

97, 14.243, 96.139

87, 64.401, 89.642

99, 4.110, 97.301

86, 72.740, 88.220

100, 0.012,
296.813

84, 79.200, 86.686

83, 82.931, 84.944

82, 83.950, 83.806

Harmonies

Complementary

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



93, 34.755, 93.603



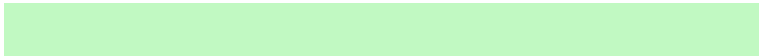
77, 35.765, 283.043

Rectangle

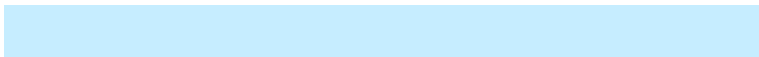
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 34.755, 93.603



93, 34.755, 143.603



93, 34.755, 273.603



93, 34.755, 323.603

Sweetspot

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



93, 34.752, 93.636



98, 10.074, 96.630



78, 34.892, 3.548



52, 6.879, 96.463



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

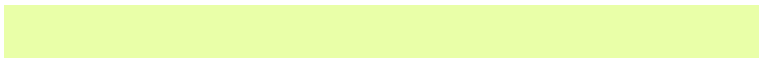
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 34.752, 93.636



92, 41.821, 92.742



97, 44.364, 117.745



52, 5.725, 96.688



63, 67.711, 84.186



21, 29.625, 86.578

Inverse Universe

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



77, 35.765, 283.043



73, 43.428, 284.477



74, 47.822, 302.576



50, 5.774, 279.039



29, 90.073, 301.040



6, 36.038, 296.238

Previews

White Background



This preview shows how the CIE LCh color 93, 34.755, 93.603 looks on a white background.

Color Contrast Check

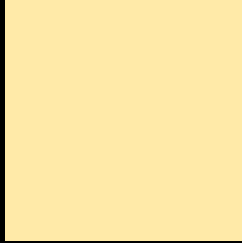
Large Text (above 18pt) WCAG AA × Fail

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 93, 34.755, 93.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

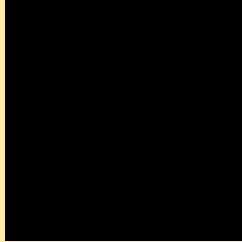
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 34.755, 93.603

Background



This preview shows how black text looks on a background with the CIELCh color 93, 34.755, 93.603.





This preview shows how white text looks on a background with the CIELCh color 93, 34.755, 93.603.

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](#).

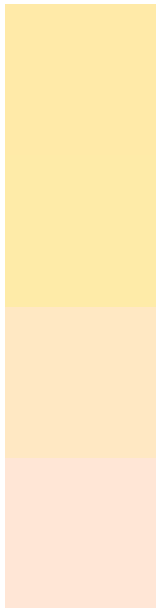
Dichromacy

	Original Color 93, 34.755, 93.603
	Protanopia 93, 34.939, 95.661
	Deuteranopia 93, 14.072, 69.597



Tritanopia
93, 11.481, 347.659

Trichromacy



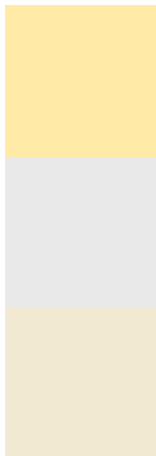
Original Color
93, 34.755, 93.603

Protanomaly
93, 35.027, 95.024

Deuteranomaly
93, 20.985, 83.832

Tritanomaly
93, 12.440, 61.075

Monochromacy



Original Color
93, 34.755, 93.603

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 12.687, 95.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 34.755, 93.603 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, 234, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 168)  
}
```

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, 234, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 34.755, 93.603 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, 234, 168) }
```

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

```
.border{ border-color:rgb(255, 234, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 34.755, 93.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 168) }
```

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

```
.background{ background-color: rgb(255,  
234, 168) }
```

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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