

Converting Colors

CIELCh(93, 37.028, 93.743)

Have a look what the booklet for
CIELCh(93, 37.028, 93.743) contains.

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Color

CIELCh(93, 36.714, 94.130)

Conversions

Conversions Part 1

Format	Color
Hex	FFEAA4
RGB	255, 234, 164
RGB Percent	100%, 92%, 64%
CMY	0.0000, 0.0814, 0.3560
CMYK	0.00, 0.08, 0.36, 0.00
HSL	46°, 100%, 82%
HSV	46°, 36%, 100%
XYZ	77.5337, 82.9670, 47.1513
YIQ	232.2990, 34.9860, -17.3180

Conversions

Conversions Part 2

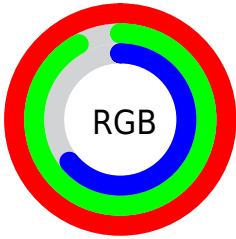
Format	Color
RYP	191, 255, 164
Decimal	16771748
CIELab	93.00, -2.64, 36.62
CIElCh	93, 36.714, 94.130
Yxy	82.9670, 0.3734, 0.3995
Android (android.graphics.Color)	4294961828 (0xFFFFEAA4)
YUV	232.2990, -33.6714, 19.9088
Hunter-Lab	91.0862, -7.4595, 33.0686

Details

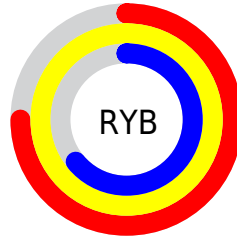
The CIELCh color **93, 36.714, 94.130** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 37.991, 284.083**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 17.699, 108.839**, and **73, 36.733, 93.861** is the 20% darker color. If you saturate the color by 10%, you get **91, 46.971, 92.989**, and if you desaturate by 10%, it is **95, 26.321, 95.538**.

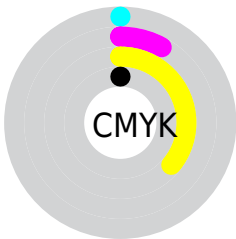
Distribution



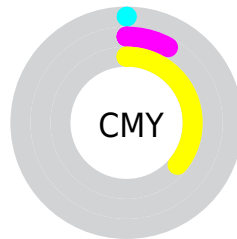
- Red (100%)
- Green (92%)
- Blue (64%)



- Red (75%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 36.714, 94.130 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, 36.714, 94.130 by changing the saturation by 10% instead.

 93, 36.714, 94.130

 93, 36.714, 94.130

 100, 36.714,
94.130

 83, 36.714, 94.130

 73, 36.714, 94.130

 63, 36.714, 94.130

 53, 36.714, 94.130

 43, 36.714, 94.130

 33, 36.714, 94.130

 23, 36.714, 94.130

 13, 36.714, 94.130

 3, 36.714, 94.130

93, 36.714, 94.130

93, 36.714, 94.130

91, 46.971, 92.989

95, 26.321, 95.538

89, 56.950, 91.676

97, 15.968, 96.764

88, 66.273, 90.333

99, 5.696, 97.934

86, 74.361, 88.937

100, 0.012,
296.813

85, 80.405, 87.435

83, 83.611, 85.735

82, 84.308, 84.928

Harmonies

Complementary

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



93, 36.714, 94.130



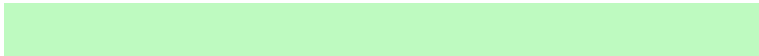
76, 37.991, 284.083

Rectangle

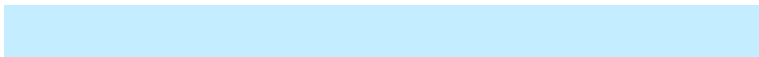
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 36.714, 94.130



93, 36.714, 144.130



93, 36.714, 274.130



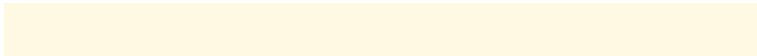
93, 36.714, 324.130

Sweetspot

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



93, 36.693, 94.277



98, 11.230, 97.313



77, 36.363, 5.023



52, 7.551, 97.152



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

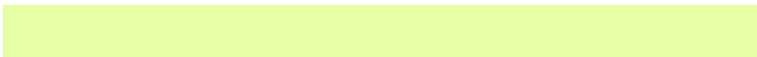
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 36.693, 94.277



92, 44.315, 93.327



96, 46.381, 118.346



52, 5.799, 97.488



63, 68.005, 85.286



21, 29.866, 87.586

Inverse Universe

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



76, 37.991, 284.083



71, 46.401, 285.650



73, 50.116, 303.260



50, 5.853, 279.816



28, 91.423, 301.503



6, 36.539, 296.682

Previews

White Background



This preview shows how the CIE LCh color 93, 36.714, 94.130 looks on a white background.

Color Contrast Check

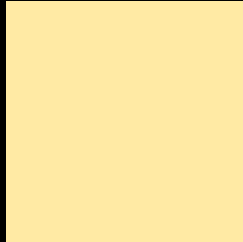
Large Text (above 18pt) WCAG AA × Fail

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, 36.714, 94.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

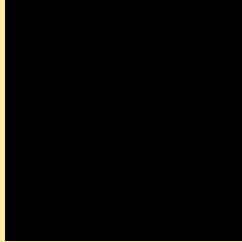
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 36.714, 94.130

Background



This preview shows how black text looks on a background with the CIELCh color 93, 36.714, 94.130.



This preview shows how white text looks on a background with the CIELCh color 93, 36.714, 94.130.

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, 36.714, 94.130

Protanopia

93, 36.992, 95.474

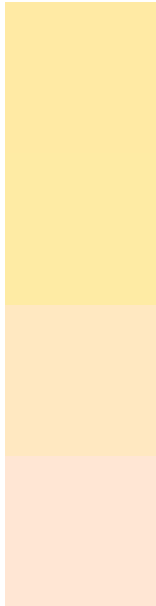
Deuteranopia

93, 14.481, 70.819



Tritanopia
93, 11.481, 347.659

Trichromacy



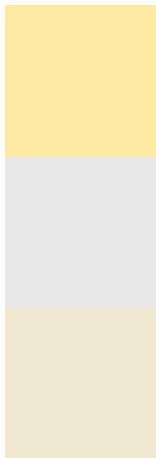
Original Color
93, 36.714, 94.130

Protanomaly
93, 36.992, 95.474

Deuteranomaly
93, 21.931, 84.815

Tritanomaly
93, 13.170, 64.277

Monochromacy



Original Color
93, 36.714, 94.130

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 13.615, 98.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 36.714, 94.130 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 36.714, 94.130 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, 164) }
```

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

```
.border{ border-color:rgb(255, 234, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 36.714, 94.130 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
234, 164) }
```

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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