

Converting Colors

CIELCh(93, 34.405, 93.240)

Have a look what the booklet for
CIELCh(93, 34.405, 93.240) contains.

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Color

CIELCh(93, 34.264, 93.459)

Conversions

Conversions Part 1

Format	Color
Hex	FFEAA9
RGB	255, 234, 169
RGB Percent	100%, 92%, 66%
CMY	0.0000, 0.0823, 0.3373
CMYK	0.00, 0.08, 0.34, 0.00
HSL	45°, 100%, 83%
HSV	45°, 34%, 100%
XYZ	77.8213, 82.9670, 49.4472
YIQ	232.8690, 33.3810, -15.7630

Conversions

Conversions Part 2

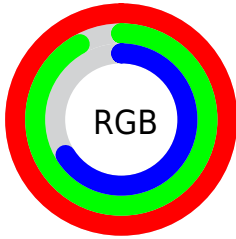
Format	Color
RYB	197, 255, 169
Decimal	16771753
CIELab	93.00, -2.07, 34.20
CIELCh	93, 34.264, 93.459
Yxy	82.9670, 0.3702, 0.3946
Android (android.graphics.Color)	4294961833 (0xFFFFEAA9)
YUV	232.8690, -31.4874, 19.4089
Hunter-Lab	91.0862, -6.8960, 31.5741

Details

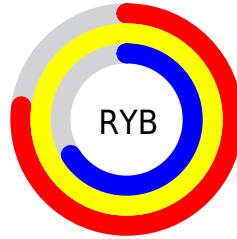
The CIELCh color **93, 34.264, 93.459** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 35.212, 282.771**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.178, 109.030**, and **73, 34.201, 93.250** is the 20% darker color. If you saturate the color by 10%, you get **91, 44.475, 92.160**, and if you desaturate by 10%, it is **95, 24.013, 94.736**.

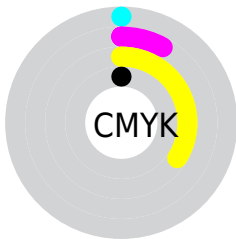
Distribution



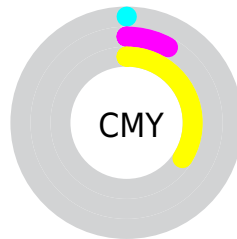
- Red (100%)
- Green (92%)
- Blue (66%)



- 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, 34.264, 93.459 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, 34.264, 93.459 by changing the saturation by 10% instead.

 93, 34.264, 93.459

 93, 34.264, 93.459

 100, 34.264,
93.459

 83, 34.264, 93.459

 73, 34.264, 93.459

 63, 34.264, 93.459

 53, 34.264, 93.459

 43, 34.264, 93.459

 33, 34.264, 93.459

 23, 34.264, 93.459

 13, 34.264, 93.459

 3, 34.264, 93.459

93, 34.264, 93.459

93, 34.264, 93.459

91, 44.475, 92.160

95, 24.013, 94.736

89, 54.466, 90.826

97, 13.815, 95.970

87, 63.924, 89.457

99, 3.718, 97.128

86, 72.321, 88.029

100, 0.012,
289.926

84, 78.882, 86.488

82, 82.746, 84.735

81, 83.861, 83.510

Harmonies

Complementary

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



93, 34.264, 93.459



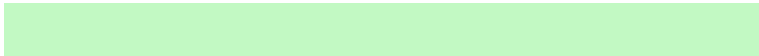
78, 35.212, 282.771

Rectangle

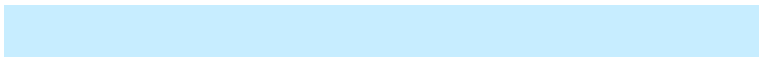
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 34.264, 93.459



93, 34.264, 143.459



93, 34.264, 273.459



93, 34.264, 323.459

Sweetspot

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



93, 34.265, 93.464



98, 10.041, 96.416



78, 34.487, 3.488



52, 6.857, 96.249



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

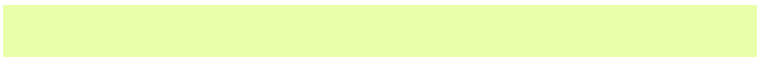
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 34.265, 93.464



92, 40.687, 92.649



97, 43.887, 117.768



52, 5.706, 96.475



63, 67.639, 83.897



21, 29.563, 86.311

Inverse Universe

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



78, 35.212, 282.771



73, 42.135, 284.064



74, 47.262, 302.540



50, 5.753, 278.832



29, 89.714, 300.915



7, 35.904, 296.117

Previews

White Background



This preview shows how the CIE LCh color 93, 34.264, 93.459 looks on a white background.

Color Contrast Check

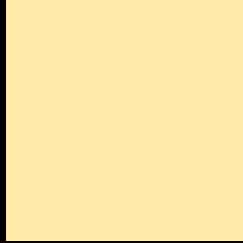
Large Text (above 18pt) WCAG AA × Fail

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, 34.264, 93.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

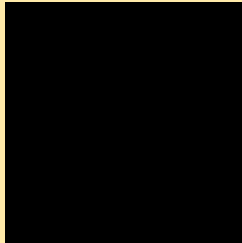
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 34.264, 93.459

Background



This preview shows how black text looks on a background with the CIELCh color 93, 34.264, 93.459.



This preview shows how white text looks on a background with the CIELCh color 93, 34.264, 93.459.

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, 34.264, 93.459

Protanopia

93, 34.446, 95.546

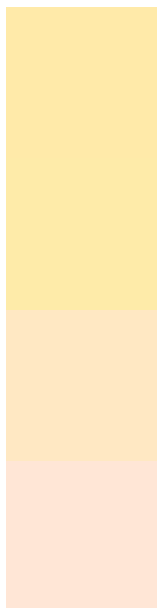
Deuteranopia

93, 14.072, 69.597



Tritanopia
93, 11.481, 347.659

Trichromacy



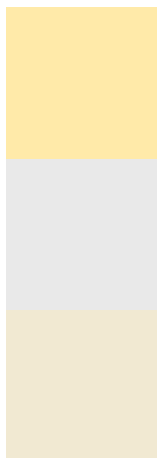
Original Color
93, 34.264, 93.459

Protanomaly
93, 34.535, 94.901

Deuteranomaly
93, 20.985, 83.832

Tritanomaly
93, 12.440, 61.075

Monochromacy



Original Color
93, 34.264, 93.459

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 12.186, 95.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 34.264, 93.459 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 34.264, 93.459 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, 169) }
```

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

```
.border{ border-color:rgb(255, 234, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 34.264, 93.459 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
234, 169) }
```

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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