

Converting Colors

CIE LCh(93, 14.174, 84.156)

Have a look what the booklet for
CIELCh(93, 14.174, 84.156) contains.

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Color

CIELCh(93, 14.174, 84.156)

Conversions

Conversions Part 1

Format	Color
Hex	F9E9D0
RGB	249, 233, 208
RGB Percent	98%, 91%, 82%
CMY	0.0235, 0.0863, 0.1843
CMYK	0.00, 0.06, 0.16, 0.02
HSL	37°, 77%, 90%
HSV	37°, 16%, 98%
XYZ	79.5866, 82.9670, 71.4907
YIQ	234.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

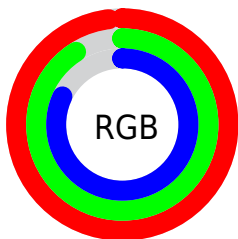
Format	Color
R _Y B	234, 249, 208
Decimal	16378320
CIE Lab	93.00, 1.44, 14.10
CIE LCh	93, 14.174, 84.156
Yxy	82.9670, 0.3400, 0.3545
Android (android.graphics.Color)	4294568400 (0xFFFF9E9D0)
YUV	234.9340, -13.2785, 12.3359
Hunter-Lab	91.0862, -3.4365, 17.2255

Details

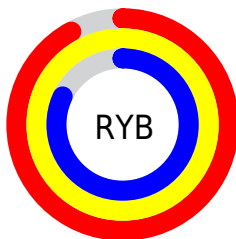
The CIELCh color **93, 14.174, 84.156** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 13.962, 268.682**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 13.805, 83.352** is the 20% darker color. If you saturate the color by 10%, you get **90, 23.123, 82.832**, and if you desaturate by 10%, it is **96, 5.480, 85.433**.

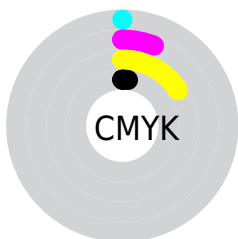
Distribution



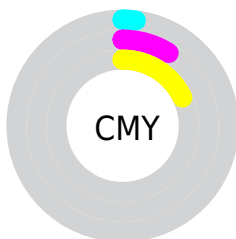
- Red (98%)
- Green (91%)
- Blue (82%)



- Red (92%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (9%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 14.174, 84.156 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, 14.174, 84.156 by changing the saturation by 10% instead.

 93, 14.174, 84.156

 93, 14.174, 84.156

 100, 14.174,
84.156

 83, 14.174, 84.156

 73, 14.174, 84.156

 63, 14.174, 84.156

 53, 14.174, 84.156

 43, 14.174, 84.156

 33, 14.174, 84.156

 23, 14.174, 84.156

 13, 14.174, 84.156

 3, 14.174, 84.156

93, 14.174, 84.156

93, 14.174, 84.156

90, 23.123, 82.832

96, 5.480, 85.433

87, 32.309, 81.453

99, 1.763, 247.825

84, 41.680, 80.035

100, 2.083,
199.591

82, 51.109, 78.564

79, 60.328, 77.009

77, 68.836, 75.291

74, 75.792, 73.254

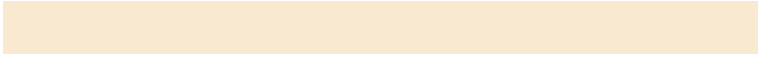
72, 80.169, 70.646

71, 81.293, 69.638

Harmonies

Complementary

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



93, 14.174, 84.156



89, 13.962, 268.682

Rectangle

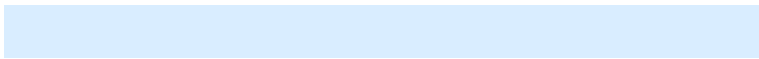
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 14.174, 84.156



93, 14.174, 134.156



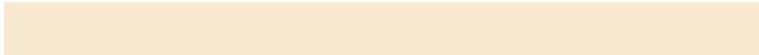
93, 14.174, 264.156



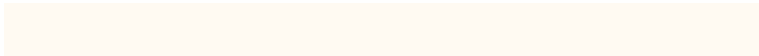
93, 14.174, 314.156

Sweetspot

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



93, 14.175, 84.167



98, 4.309, 85.602



87, 17.188, 350.961



52, 2.944, 85.522



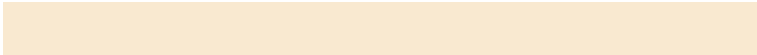
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 14.175, 84.167



94, 17.647, 83.697



97, 20.880, 112.757



51, 4.856, 85.062



55, 65.947, 70.256



17, 26.308, 72.827

Inverse Universe

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



89, 13.962, 268.682



89, 17.313, 269.271



85, 21.678, 295.621



49, 4.823, 267.632



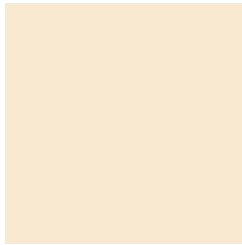
35, 71.032, 293.159



9, 27.858, 287.215

Previews

White Background



This preview shows how the CIELCh color 93, 14.174, 84.156 looks on a white background.

Color Contrast Check

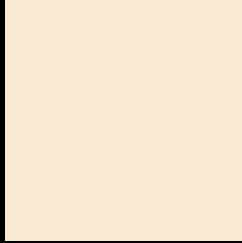
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 14.174, 84.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

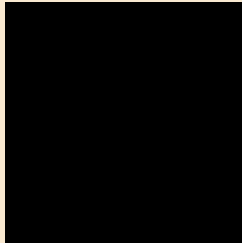
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 14.174, 84.156

Background



This preview shows how black text looks on a background with the CIELCh color 93, 14.174, 84.156.

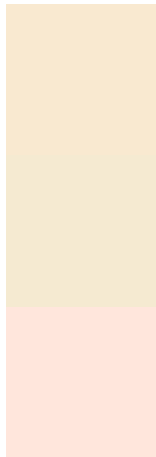


This preview shows how white text looks on a background with the CIELCh color 93, 14.174, 84.156.

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, 14.174, 84.156

Protanopia

93, 13.473, 91.436

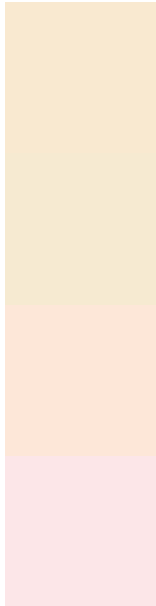
Deuteranopia

93, 10.560, 48.936



Tritanopia
93, 12.755, 336.922

Trichromacy



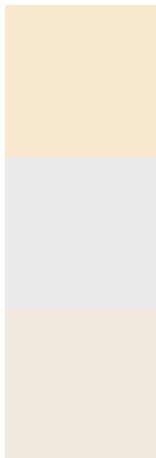
Original Color
93, 14.174, 84.156

Protanomaly
93, 13.592, 89.928

Deuteranomaly
93, 11.229, 62.983

Tritanomaly
93, 8.012, 12.531

Monochromacy



Original Color
93, 14.174, 84.156

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.093, 84.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 14.174, 84.156 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(249, 233, 208)` looks like.

```
.text, #text, p{  
    color:rgb(249, 233, 208)  
}
```

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(249, 233, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 233, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 14.174, 84.156 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(249, 233, 208) }
```

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

```
.border{ border-color:rgb(249, 233, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 233, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 233, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 233, 208);  
box-shadow:4px 4px 4px 4px rgb(249, 233,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 14.174, 84.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 233, 208) }
```

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

```
.background{ background-color: rgb(249,  
233, 208) }
```

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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