

Converting Colors

CIELCh(93, 9.627, 84.565)

Have a look what the booklet for
CIELCh(93, 9.627, 84.565) contains.

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Color

CIELCh(93, 9.613, 84.573)

Conversions

Conversions Part 1

Format	Color
Hex	F5EAD9
RGB	245, 234, 217
RGB Percent	96%, 92%, 85%
CMY	0.0407, 0.0838, 0.1505
CMYK	0.00, 0.04, 0.11, 0.04
HSL	36°, 57%, 90%
HSV	36°, 11%, 96%
XYZ	79.3164, 82.9670, 77.2273
YIQ	235.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

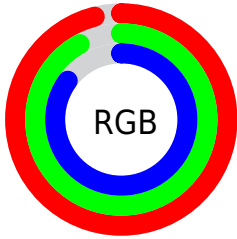
Format	Color
RYB	235, 245, 217
Decimal	16116441
CIELab	93.00, 0.91, 9.57
CIELCh	93, 9.613, 84.573
Yxy	82.9670, 0.3312, 0.3464
Android (android.graphics.Color)	4294306521 (0xFFFF5EAD9)
YUV	235.3510, -9.0470, 8.4622
Hunter-Lab	91.0862, -3.9661, 13.4915

Details

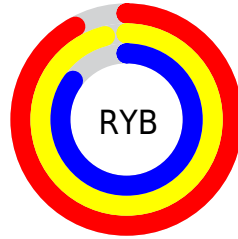
The CIELCh color **93, 9.613, 84.573** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 9.522, 267.681**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.651, 82.903** is the 20% darker color. If you saturate the color by 10%, you get **90, 18.293, 83.281**, and if you desaturate by 10%, it is **96, 1.186, 85.624**.

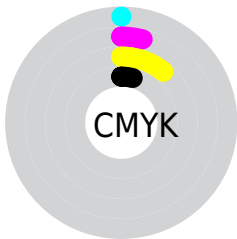
Distribution



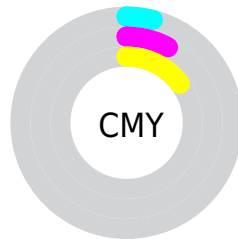
- Red (96%)
- Green (92%)
- Blue (85%)



- Red (92%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.613, 84.573 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, 9.613, 84.573 by changing the saturation by 10% instead.

 93, 9.613, 84.573	 93, 9.613, 84.573
 100, 9.613, 84.573	 83, 9.613, 84.573
	 73, 9.613, 84.573
	 63, 9.613, 84.573
	 53, 9.613, 84.573
	 43, 9.613, 84.573
	 33, 9.613, 84.573
	 23, 9.613, 84.573
	 13, 9.613, 84.573
	 3, 9.613, 84.573

93, 9.613, 84.573

93, 9.613, 84.573

90, 18.293, 83.281

96, 1.186, 85.624

87, 27.220, 81.925

99, 3.032, 220.732

84, 36.366, 80.529

99, 3.587, 199.363

82, 45.651, 79.089

79, 54.891, 77.585

77, 63.727, 75.966

74, 71.509, 74.118

72, 77.266, 71.834

70, 80.236, 69.433

Harmonies

Complementary

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



93, 9.613, 84.573



90, 9.522, 267.681

Rectangle

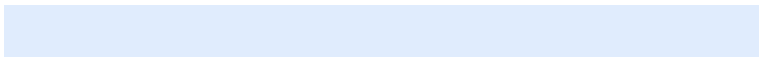
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 9.613, 84.573



93, 9.613, 134.573



93, 9.613, 264.573



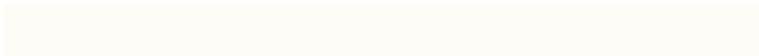
93, 9.613, 314.573

Sweetspot

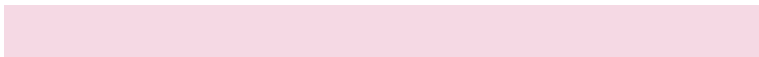
The Sweet Spot groups the original color and five complimentary colors.



93, 9.614, 84.588



99, 2.568, 85.573



89, 11.687, 350.432



53, 1.950, 85.499



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, 9.614, 84.588



96, 12.215, 84.256



96, 14.322, 113.173



50, 4.763, 84.835



54, 65.301, 70.053



16, 25.105, 72.542

Inverse Universe

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



90, 9.522, 267.681



92, 12.059, 268.070



88, 14.701, 295.117



48, 4.729, 267.401



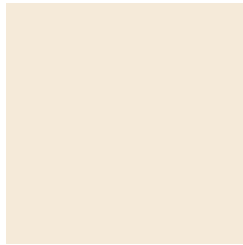
35, 69.929, 292.947



8, 26.758, 286.638

Previews

White Background



This preview shows how the CIELCh color 93, 9.613, 84.573 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, 9.613, 84.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

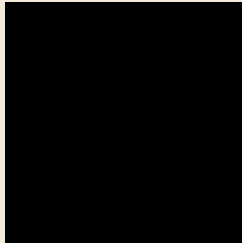
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

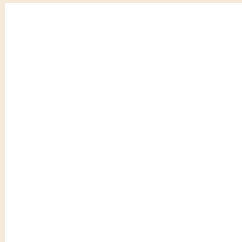
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.613, 84.573

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.613, 84.573.

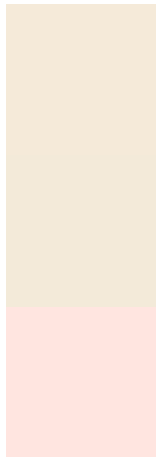


This preview shows how white text looks on a background with the CIELCh color 93, 9.613, 84.573.

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, 9.613, 84.573

Protanopia

93, 9.327, 88.709

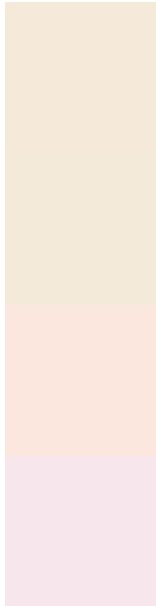
Deuteranopia

93, 9.866, 35.032



Tritanopia
93, 11.709, 327.710

Trichromacy



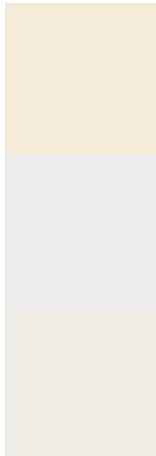
Original Color
93, 9.613, 84.573

Protanomaly
93, 9.464, 86.611

Deuteranomaly
93, 8.958, 54.690

Tritanomaly
93, 6.293, 355.620

Monochromacy



Original Color
93, 9.613, 84.573

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.741, 93.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.613, 84.573 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(245, 234, 217)` looks like.

```
.text, #text, p{  
    color:rgb(245, 234, 217)  
}
```

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(245, 234, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 234, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.613, 84.573 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(245, 234, 217) }
```

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

```
.border{ border-color:rgb(245, 234, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 234, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 234, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 234, 217);  
box-shadow:4px 4px 4px 4px rgb(245, 234,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.613, 84.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 234, 217) }
```

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

```
.background{ background-color: rgb(245,  
234, 217) }
```

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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