

Converting Colors

CIELCh(94, 8.221, 12.840)

Have a look what the booklet for
CIELCh(94, 8.221, 12.840) contains.

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Color

CIELCh(94, 7.991, 12.521)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9EB
RGB	255, 233, 235
RGB Percent	100%, 91%, 92%
CMY	0.0013, 0.0875, 0.0797
CMYK	0.00, 0.09, 0.08, 0.00
HSL	355°, 97%, 96%
HSV	355°, 9%, 100%
XYZ	85.1146, 85.2715, 90.3250
YIQ	239.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

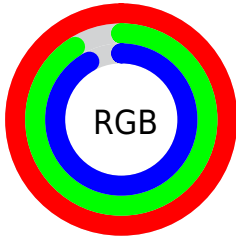
Format	Color
R _Y B	255, 233, 235
Decimal	16771563
CIE Lab	94.00, 7.80, 1.73
CIE LCh	94, 7.991, 12.521
Yxy	85.2715, 0.3265, 0.3271
Android (android.graphics.Color)	4294961643 (0xFFFFE9EB)
YUV	239.8060, -2.3694, 13.3251
Hunter-Lab	92.3426, 2.9287, 6.6452

Details

The CIELCh color **94, 7.991, 12.521** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 7.632, 191.330**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.054, 12.356** is the 20% darker color. If you saturate the color by 10%, you get **87, 17.830, 13.568**, and if you desaturate by 10%, it is **100, 0.114, 205.236**.

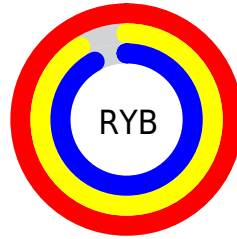
Distribution



Red (100%)

Green (91%)

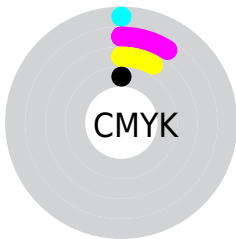
Blue (92%)



Red (100%)

Yellow (91%)

Blue (92%)

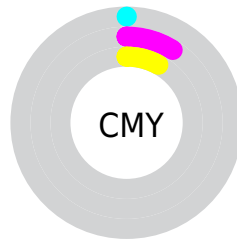


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.991, 12.521 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 94, 7.991, 12.521 by changing the saturation by 10% instead.



94, 7.991, 12.521

94, 7.991, 12.521

87, 17.830, 13.568

100, 0.114,
205.236

81, 28.283, 14.804

75, 39.261, 16.348

69, 50.574, 18.311

64, 61.928, 20.822

60, 72.940, 24.011

56, 83.216, 27.929

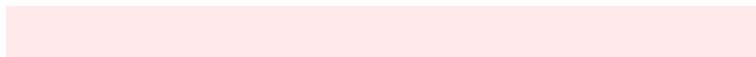
54, 92.372, 32.391

53, 99.756, 36.665

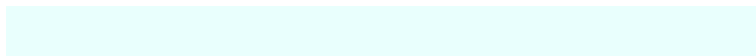
Harmonies

Complementary

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



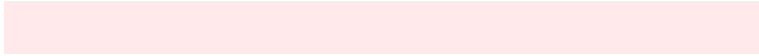
94, 7.991, 12.521



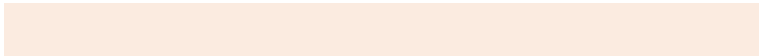
98, 7.632, 191.330

Rectangle

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



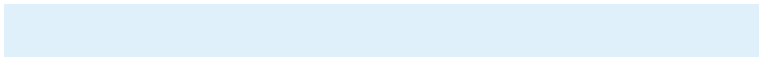
94, 7.991, 12.521



94, 7.991, 62.521



94, 7.991, 192.521



94, 7.991, 242.521

Sweetspot

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



94, 7.989, 12.535



98, 2.727, 11.903



94, 13.318, 322.116



52, 2.073, 12.018



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

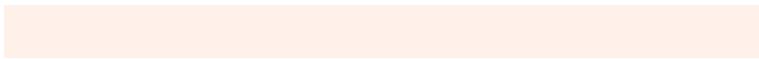
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.989, 12.535



93, 9.305, 12.670



96, 6.530, 62.930



50, 5.281, 12.621



40, 80.411, 36.410



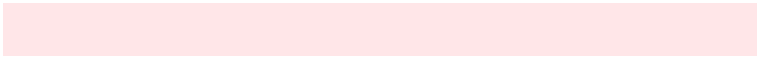
10, 32.665, 23.499

Inverse Universe

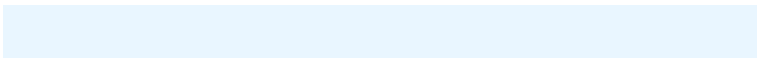
The Inverse Universe completely reimagines the original color for something new.



94, 7.989, 12.535



93, 9.305, 12.670



96, 6.312, 244.942



50, 5.281, 12.621



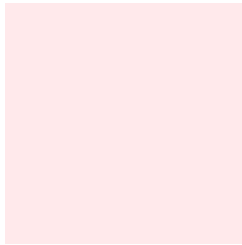
40, 80.411, 36.410



10, 32.665, 23.499

Previews

White Background



This preview shows how the CIELCh color 94, 7.991, 12.521 looks on a white background.

Color Contrast Check

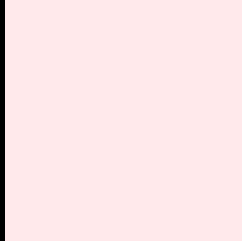
Large Text (above 18pt) WCAG AA × Fail

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 94, 7.991, 12.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

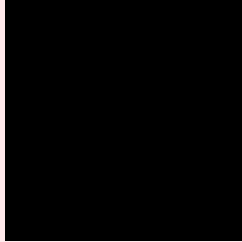
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

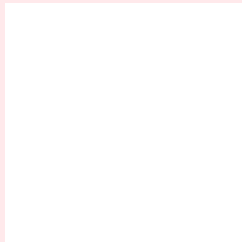
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.991, 12.521

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.991, 12.521.

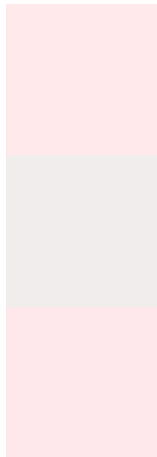


This preview shows how white text looks on a background with the CIELCh color 94, 7.991, 12.521.

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
94, 7.991, 12.521

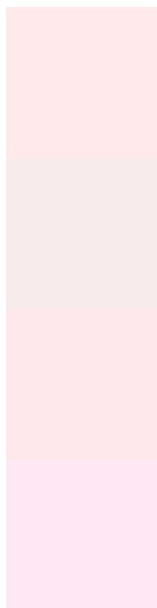
Protanopia
94, 1.777, 19.173

Deuteranopia
94, 8.528, 6.024



Tritanopia
94, 12.223, 334.562

Trichromacy



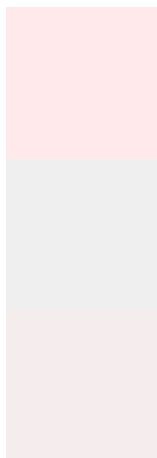
Original Color
94, 7.991, 12.521

Protanomaly
94, 4.324, 12.744

Deuteranomaly
94, 8.528, 6.024

Tritanomaly
94, 9.975, 345.565

Monochromacy



Original Color
94, 7.991, 12.521

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.850, 19.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.991, 12.521 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, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 235)  
}
```

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, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.991, 12.521 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, 233, 235) }
```

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

```
.border{ border-color:rgb(255, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.991, 12.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 235) }
```

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

```
.background{ background-color: rgb(255,  
233, 235) }
```

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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