

Converting Colors

CIELCh(94, 6.905, 15.723)

Have a look what the booklet for
CIELCh(94, 6.905, 15.723) contains.

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Color

CIELCh(94, 7.222, 15.752)

Conversions

Conversions Part 1

Format	Color
Hex	FDE9EA
RGB	253, 233, 234
RGB Percent	99%, 91%, 92%
CMY	0.0070, 0.0854, 0.0815
CMYK	0.00, 0.08, 0.08, 0.01
HSL	357°, 85%, 95%
HSV	357°, 8%, 99%
XYZ	84.6650, 85.2715, 89.9964
YIQ	239.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

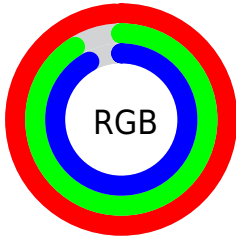
Format	Color
R _Y B	253, 233, 234
Decimal	16640490
CIE Lab	94.00, 6.95, 1.96
CIE LCh	94, 7.222, 15.752
Yxy	85.2715, 0.3257, 0.3281
Android (android.graphics.Color)	4294830570 (0xFFFDE9EA)
YUV	239.0940, -2.5113, 12.1956
Hunter-Lab	92.3426, 2.0595, 6.8562

Details

The CIELCh color **94, 7.222, 15.752** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 6.898, 194.828**, 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, 7.243, 15.690** is the 20% darker color. If you saturate the color by 10%, you get **87, 16.969, 16.720**, and if you desaturate by 10%, it is **100, 0.621, 200.433**.

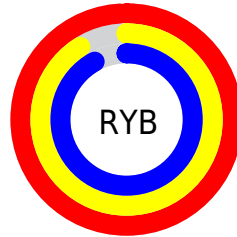
Distribution



Red (99%)

Green (91%)

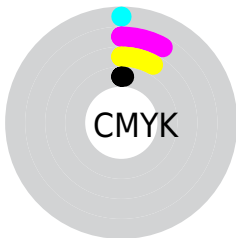
Blue (92%)



Red (99%)

Yellow (91%)

Blue (92%)

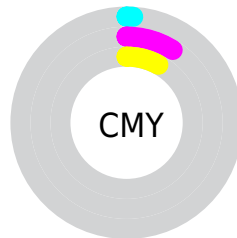


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.222, 15.752 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, 7.222, 15.752 by changing the saturation by 10% instead.

 94, 7.222, 15.752	 94, 7.222, 15.752
 100, 7.222, 15.752	 84, 7.222, 15.752
	 74, 7.222, 15.752
	 64, 7.222, 15.752
	 54, 7.222, 15.752
	 44, 7.222, 15.752
	 34, 7.222, 15.752
	 24, 7.222, 15.752
	 14, 7.222, 15.752
	 4, 7.222, 15.752

94, 7.222, 15.752

94, 7.222, 15.752

87, 16.969, 16.720

100, 0.621,
200.433

81, 27.396, 17.869

75, 38.436, 19.324

69, 49.930, 21.195

64, 61.610, 23.604

60, 73.105, 26.665

56, 83.984, 30.392

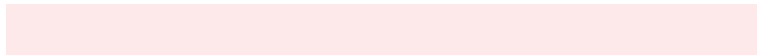
54, 93.673, 34.507

53, 100.986,
38.123

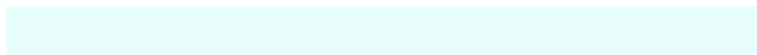
Harmonies

Complementary

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



94, 7.222, 15.752



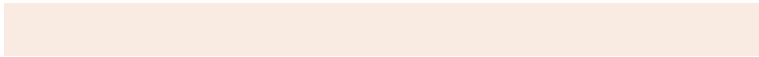
98, 6.898, 194.828

Rectangle

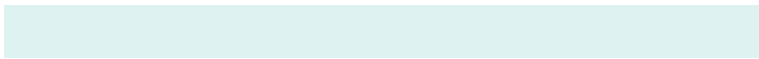
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



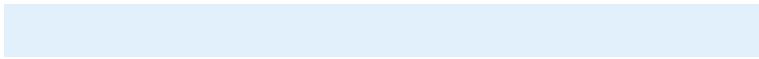
94, 7.222, 15.752



94, 7.222, 65.752



94, 7.222, 195.752



94, 7.222, 245.752

Sweetspot

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



94, 7.220, 15.769



99, 1.801, 15.050



94, 12.305, 323.485



53, 1.024, 15.024



0, 0.000, 0.000



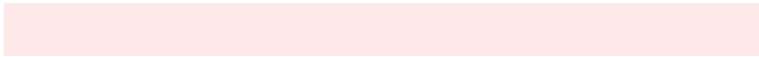
53, 0.007, 296.813

Same Dimension

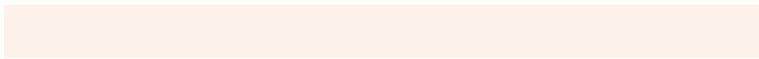
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.220, 15.769



94, 8.308, 15.870



96, 6.048, 68.831



49, 5.258, 15.916



40, 82.129, 38.112



10, 32.966, 25.178

Inverse Universe

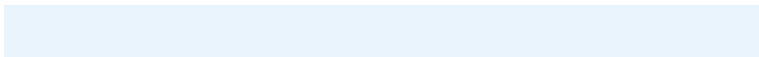
The Inverse Universe completely reimagines the original color for something new.



94, 7.220, 15.769



94, 8.308, 15.870



96, 5.904, 250.864



49, 5.258, 15.916



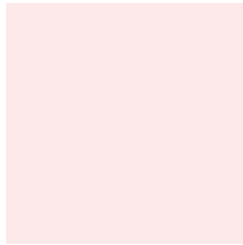
40, 82.129, 38.112



10, 32.966, 25.178

Previews

White Background



This preview shows how the CIELCh color 94, 7.222, 15.752 looks on a white background.

Color Contrast Check

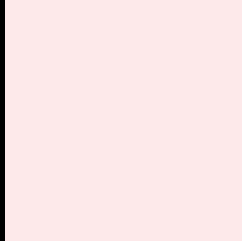
Large Text (above 18pt) WCAG AA × Fail

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, 7.222, 15.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

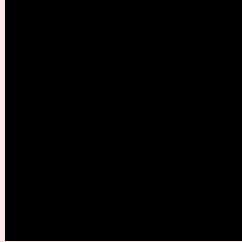
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

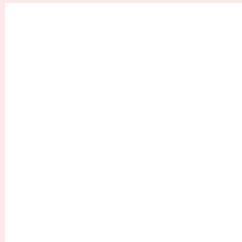
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.222, 15.752

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.222, 15.752.

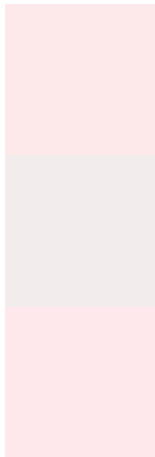


This preview shows how white text looks on a background with the CIELCh color 94, 7.222, 15.752.

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, 7.222, 15.752

Protanopia

94, 1.845, 35.328

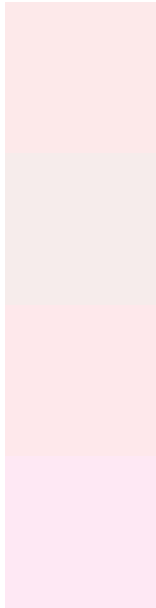
Deuteranopia

94, 8.528, 6.024



Tritanopia
94, 12.592, 332.927

Trichromacy



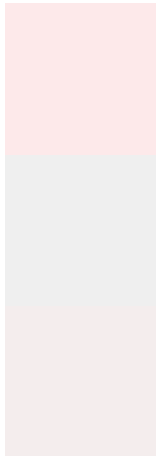
Original Color
94, 7.222, 15.752

Protanomaly
94, 3.607, 27.642

Deuteranomaly
94, 8.071, 8.912

Tritanomaly
94, 9.987, 341.932

Monochromacy



Original Color
94, 7.222, 15.752

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.492, 19.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.222, 15.752 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(253, 233, 234)` looks like.

```
.text, #text, p{  
    color:rgb(253, 233, 234)  
}
```

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(253, 233, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 233, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.222, 15.752 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(253, 233, 234) }
```

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

```
.border{ border-color:rgb(253, 233, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 233, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 233, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 233, 234);  
box-shadow:4px 4px 4px 4px rgb(253, 233,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.222, 15.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 233, 234) }
```

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

```
.background{ background-color: rgb(253,  
233, 234) }
```

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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