

Converting Colors

CIELCh(94, 6.866, 39.916)

Have a look what the booklet for
CIELCh(94, 6.866, 39.916) contains.

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Color

CIELCh(94, 7.004, 41.173)

Conversions

Conversions Part 1

Format	Color
Hex	FCEAE5
RGB	252, 234, 229
RGB Percent	99%, 92%, 90%
CMY	0.0114, 0.0820, 0.1016
CMYK	0.00, 0.07, 0.09, 0.01
HSL	13°, 80%, 94%
HSV	13°, 9%, 99%
XYZ	83.7818, 85.2715, 86.2376
YIQ	238.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

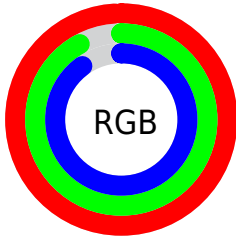
Format	Color
R _Y B	252, 235, 229
Decimal	16575205
CIE Lab	94.00, 5.27, 4.61
CIE LCh	94, 7.004, 41.173
Yxy	85.2715, 0.3282, 0.3340
Android (android.graphics.Color)	4294765285 (0xFFFC ^{EA} E5)
YUV	238.8120, -4.8373, 11.5659
Hunter-Lab	92.3426, 0.3523, 9.2696

Details

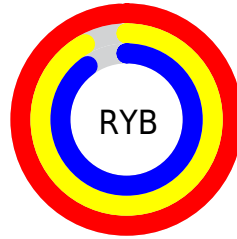
The CIELCh color **94, 7.004, 41.173** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 6.620, 221.970**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 6.853, 38.155** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.299, 41.056**, and if you desaturate by 10%, it is **99, 0.649, 222.554**.

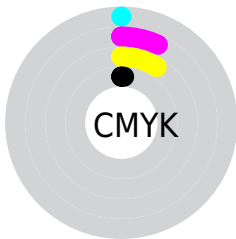
Distribution



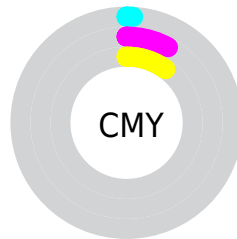
- Red (99%)
- Green (92%)
- Blue (90%)



- Red (99%)
- Yellow (92%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.004, 41.173 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, 7.004, 41.173 by changing the saturation by 10% instead.

 94, 7.004, 41.173	 94, 7.004, 41.173
 100, 7.004, 41.173	 84, 7.004, 41.173
	 74, 7.004, 41.173
	 64, 7.004, 41.173
	 54, 7.004, 41.173
	 44, 7.004, 41.173
	 34, 7.004, 41.173
	 24, 7.004, 41.173
	 14, 7.004, 41.173
	 4, 7.004, 41.173

94, 7.004, 41.173

94, 7.004, 41.173

89, 15.299, 41.056

99, 0.649, 222.554

83, 24.296, 41.003

100, 1.010,
199.997

78, 34.035, 41.098

73, 44.521, 41.380

69, 55.689, 41.876

65, 67.347, 42.576

61, 79.038, 43.366

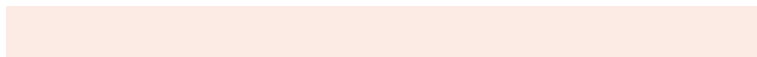
58, 89.720, 43.895

56, 97.651, 43.590

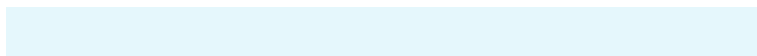
Harmonies

Complementary

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



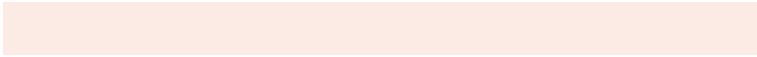
94, 7.004, 41.173



96, 6.620, 221.970

Rectangle

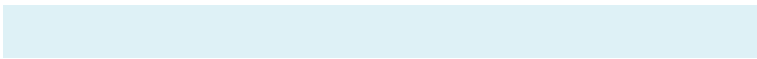
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



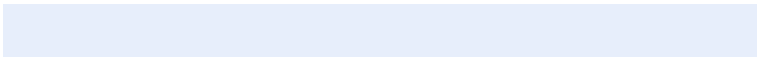
94, 7.004, 41.173



94, 7.004, 91.173



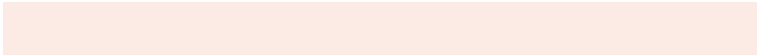
94, 7.004, 221.173



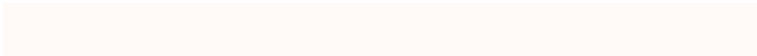
94, 7.004, 271.173

Sweetspot

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



94, 7.003, 41.195



98, 2.266, 41.164



93, 12.383, 331.668



52, 1.723, 41.202



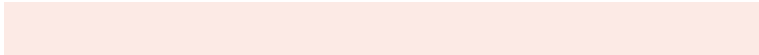
0, 0.000, 0.000



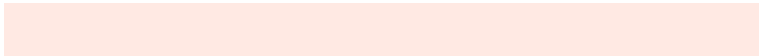
53, 0.007, 296.813

Same Dimension

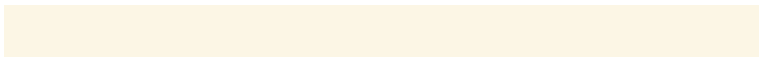
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.003, 41.195



94, 8.588, 41.168



97, 8.710, 93.782



49, 4.339, 41.190



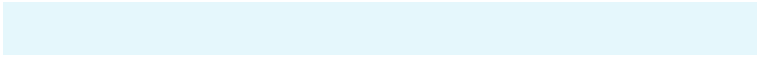
42, 78.574, 44.030



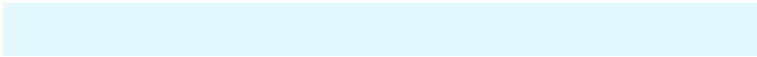
11, 28.476, 37.593

Inverse Universe

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



96, 6.620, 221.970



97, 8.018, 222.040



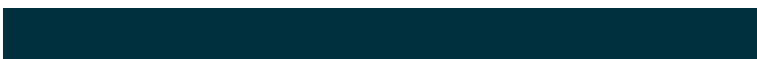
93, 8.751, 276.112



51, 4.092, 221.983



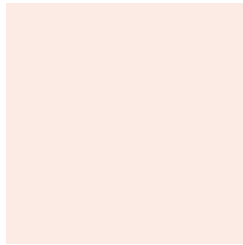
57, 35.421, 239.451



18, 15.787, 233.482

Previews

White Background



This preview shows how the CIELCh color 94, 7.004, 41.173 looks on a white background.

Color Contrast Check

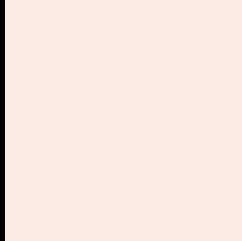
Large Text (above 18pt) WCAG AA × Fail

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, 7.004, 41.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

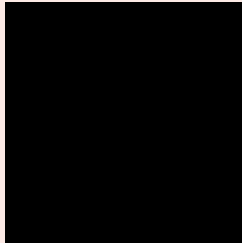
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

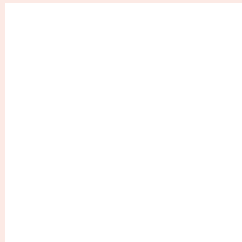
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.004, 41.173

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.004, 41.173.

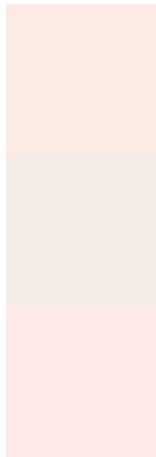


This preview shows how white text looks on a background with the CIELCh color 94, 7.004, 41.173.

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, 7.004, 41.173

Protanopia

94, 3.954, 70.404

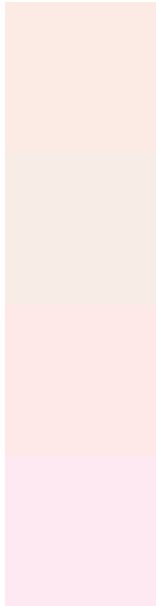
Deuteranopia

94, 7.945, 19.873



Tritanopia
94, 12.592, 332.927

Trichromacy



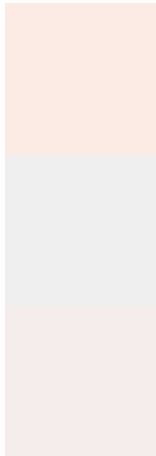
Original Color
94, 7.004, 41.173

Protanomaly
94, 5.003, 57.420

Deuteranomaly
94, 7.606, 23.700

Tritanomaly
94, 9.397, 346.881

Monochromacy



Original Color
94, 7.004, 41.173

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.690, 41.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.004, 41.173 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(252, 234, 229)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 229)  
}
```

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(252, 234, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.004, 41.173 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(252, 234, 229) }
```

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

```
.border{ border-color:rgb(252, 234, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 234, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.004, 41.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 229) }
```

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

```
.background{ background-color: rgb(252,  
234, 229) }
```

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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