

Converting Colors

CIELCh(94, 4.786, 50.103)

Have a look what the booklet for
CIELCh(94, 4.786, 50.103) contains.

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Color

CIELCh(94, 4.702, 52.523)

Conversions

Conversions Part 1

Format	Color
Hex	F7ECE7
RGB	247, 236, 231
RGB Percent	97%, 93%, 91%
CMY	0.0326, 0.0758, 0.0954
CMYK	0.00, 0.04, 0.06, 0.03
HSL	19°, 49%, 94%
HSV	19°, 6%, 97%
XYZ	82.5240, 85.2715, 87.4730
YIQ	238.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

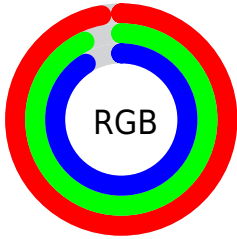
Format	Color
R _Y B	247, 238, 231
Decimal	16248039
CIE Lab	94.00, 2.86, 3.73
CIE LCh	94, 4.702, 52.523
Yxy	85.2715, 0.3233, 0.3340
Android (android.graphics.Color)	4294438119 (0xFF7ECE7)
YUV	238.7190, -3.8055, 7.2624
Hunter-Lab	92.3426, -2.0790, 8.4764

Details

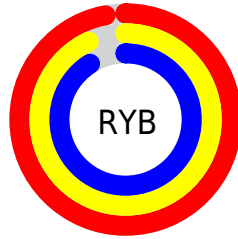
The CIELCh color **94, 4.702, 52.523** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 4.552, 233.777**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 4.968, 52.427** is the 20% darker color. If you saturate the color by 10%, you get **89, 12.411, 51.954**, and if you desaturate by 10%, it is **99, 2.376, 230.050**.

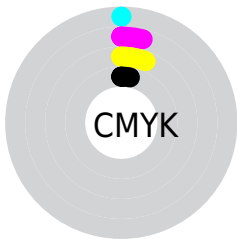
Distribution



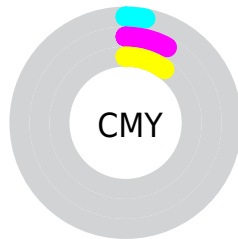
- Red (97%)
- Green (93%)
- Blue (91%)



- Red (97%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.702, 52.523 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, 4.702, 52.523 by changing the saturation by 10% instead.

 94, 4.702, 52.523

 94, 4.702, 52.523

 100, 4.702, 52.523

 84, 4.702, 52.523

 74, 4.702, 52.523

 64, 4.702, 52.523

 54, 4.702, 52.523

 44, 4.702, 52.523

 34, 4.702, 52.523

 24, 4.702, 52.523

 14, 4.702, 52.523

 4, 4.702, 52.523

94, 4.702, 52.523

94, 4.702, 52.523

89, 12.411, 51.954

99, 2.376, 230.050

85, 20.717, 51.357

99, 2.882, 199.452

80, 29.667, 50.834

76, 39.286, 50.411

71, 49.547, 50.100

68, 60.321, 49.881

64, 71.263, 49.663

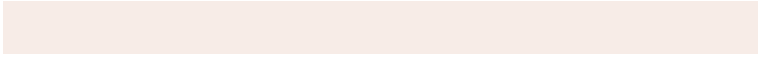
61, 81.581, 49.193

58, 89.760, 47.947

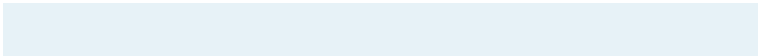
Harmonies

Complementary

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



94, 4.702, 52.523



95, 4.552, 233.777

Rectangle

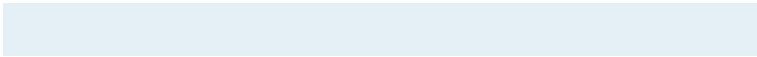
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 4.702, 52.523



94, 4.702, 102.523



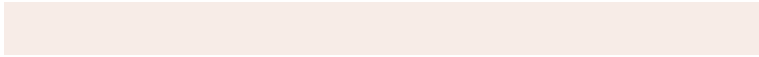
94, 4.702, 232.523



94, 4.702, 282.523

Sweetspot

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



94, 4.702, 52.556



99, 1.462, 52.590



93, 8.130, 334.681



53, 0.831, 52.576



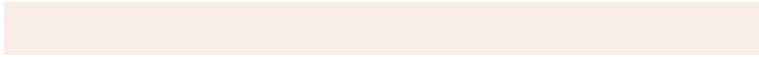
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 4.702, 52.556



96, 5.993, 52.473



96, 6.622, 99.639



49, 4.142, 52.387



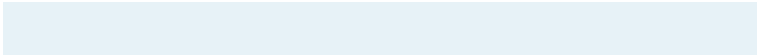
44, 74.139, 48.037



12, 25.922, 43.784

Inverse Universe

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



95, 4.552, 233.777



97, 5.751, 233.885



93, 6.686, 281.194



49, 3.941, 234.001



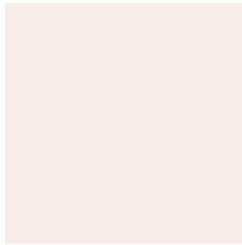
51, 39.478, 258.491



15, 16.487, 250.629

Previews

White Background



This preview shows how the CIELCh color 94, 4.702, 52.523 looks on a white background.

Color Contrast Check

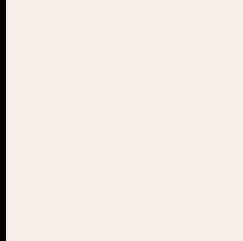
Large Text (above 18pt) WCAG AA × Fail

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, 4.702, 52.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

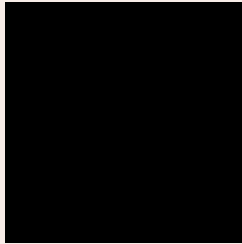
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

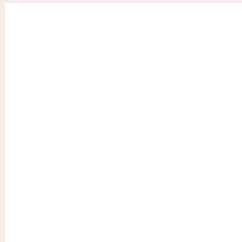
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.702, 52.523

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.702, 52.523.

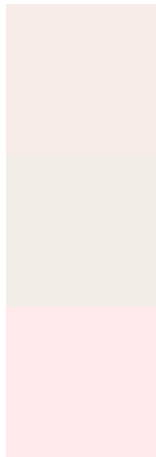


This preview shows how white text looks on a background with the CIELCh color 94, 4.702, 52.523.

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, 4.702, 52.523

Protanopia

94, 3.737, 74.704

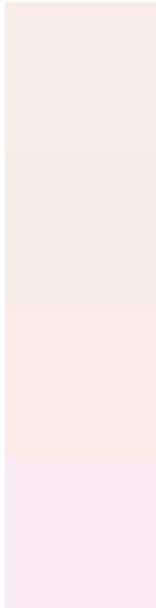
Deuteranopia

94, 7.951, 16.187



Tritanopia
94, 11.070, 323.291

Trichromacy



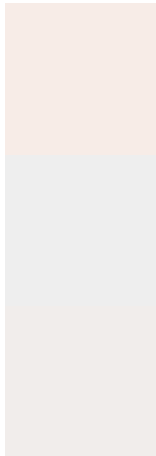
Original Color
94, 4.702, 52.523

Protanomaly
94, 3.954, 70.404

Deuteranomaly
94, 6.504, 24.265

Tritanomaly
94, 7.428, 336.035

Monochromacy



Original Color
94, 4.702, 52.523

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.742, 55.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.702, 52.523 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(247, 236, 231)` looks like.

```
.text, #text, p{  
    color:rgb(247, 236, 231)  
}
```

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(247, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 236, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.702, 52.523 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(247, 236, 231) }
```

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

```
.border{ border-color:rgb(247, 236, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 236, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 236,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.702, 52.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 236, 231) }
```

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

```
.background{ background-color: rgb(247,  
236, 231) }
```

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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