

Converting Colors

CIELCh(94, 8.127, 78.387)

Have a look what the booklet for
CIELCh(94, 8.127, 78.387) contains.

CIELCh(94, 7.962, 76.245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(94, 7.962, 76.245)

Conversions

Conversions Part 1

Format	Color
Hex	F8ECDF
RGB	248, 236, 223
RGB Percent	97%, 93%, 87%
CMY	0.0275, 0.0745, 0.1255
CMYK	0.00, 0.05, 0.10, 0.03
HSL	31°, 64%, 92%
HSV	31°, 10%, 97%
XYZ	82.0227, 85.2715, 81.9450
YIQ	238.1060, 11.3250, -1.4990

Conversions

Conversions Part 2

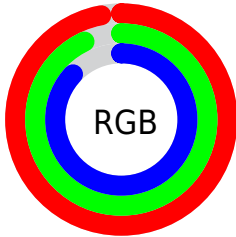
Format	Color
R _Y B	246, 248, 223
Decimal	16313567
CIE Lab	94.00, 1.89, 7.73
CIE LCh	94, 7.962, 76.245
Yxy	85.2715, 0.3291, 0.3421
Android (android.graphics.Color)	4294503647 (0xFFF8ECD5)
YUV	238.1060, -7.4473, 8.6770
Hunter-Lab	92.3426, -3.0480, 12.0258

Details

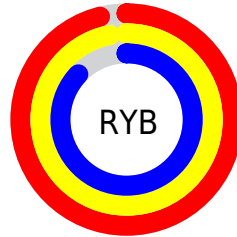
The CIELCh color **94, 7.962, 76.245** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 7.799, 258.974**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 7.955, 73.861** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.217, 75.013**, and if you desaturate by 10%, it is **98, 0.054, 69.876**.

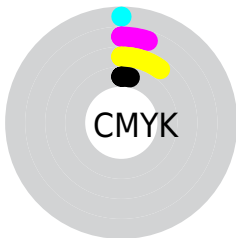
Distribution



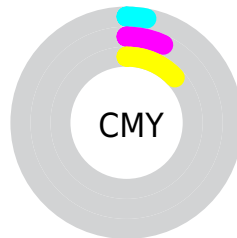
- Red (97%)
- Green (93%)
- Blue (87%)



- Red (96%)
- Yellow (97%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.962, 76.245 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, 7.962, 76.245 by changing the saturation by 10% instead.



94, 7.962, 76.245

94, 7.962, 76.245

91, 16.217, 75.013

98, 0.054, 69.876

87, 24.839, 73.722

99, 2.427, 199.524

84, 33.830, 72.409

80, 43.152, 71.074

77, 52.687, 69.698

74, 62.159, 68.227

71, 71.007, 66.535

69, 78.255, 64.368

66, 83.085, 61.539

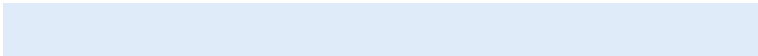
Harmonies

Complementary

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



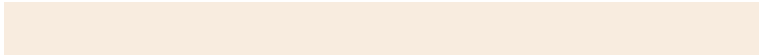
94, 7.962, 76.245



93, 7.799, 258.974

Rectangle

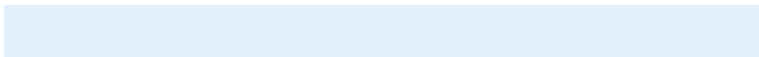
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 7.962, 76.245



94, 7.962, 126.245



94, 7.962, 256.245



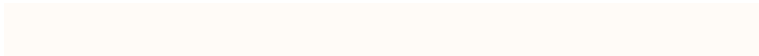
94, 7.962, 306.245

Sweetspot

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



94, 7.963, 76.264



99, 2.382, 77.026



91, 10.950, 345.380



53, 1.810, 76.964



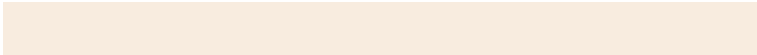
0, 0.000, 0.000



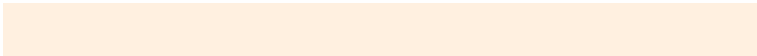
53, 0.007, 296.813

Same Dimension

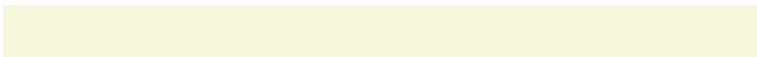
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.963, 76.264



96, 9.737, 76.027



97, 12.721, 109.880



50, 4.512, 76.334



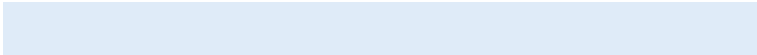
51, 67.461, 62.220



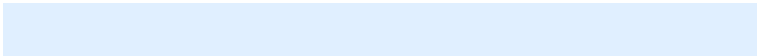
16, 25.841, 63.708

Inverse Universe

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



93, 7.799, 258.974



94, 9.489, 259.251



90, 13.025, 291.862



50, 4.426, 258.893



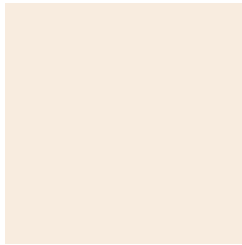
40, 60.040, 286.060



11, 23.799, 279.322

Previews

White Background



This preview shows how the CIE LCh color 94, 7.962, 76.245 looks on a white background.

Color Contrast Check

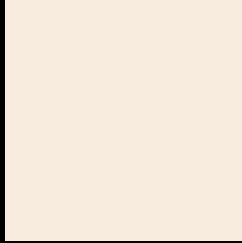
Large Text (above 18pt) WCAG AA × Fail

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, 7.962, 76.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

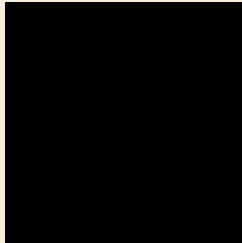
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 7.962, 76.245

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.962, 76.245.

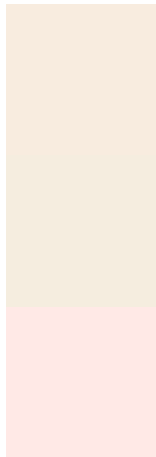


This preview shows how white text looks on a background with the CIELCh color 94, 7.962, 76.245.

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, 7.962, 76.245

Protanopia

94, 7.731, 87.452

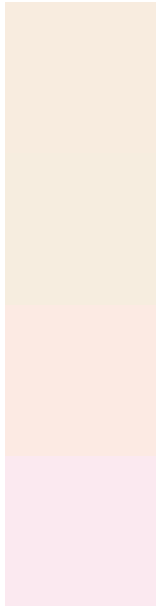
Deuteranopia

94, 8.125, 30.751



Tritanopia
94, 11.681, 327.705

Trichromacy



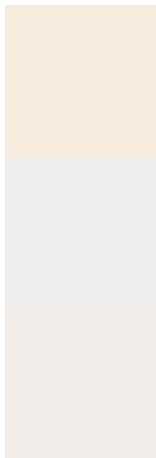
Original Color
94, 7.962, 76.245

Protanomaly
94, 7.876, 84.975

Deuteranomaly
94, 7.458, 48.444

Tritanomaly
94, 7.379, 350.686

Monochromacy



Original Color
94, 7.962, 76.245

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.703, 68.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.962, 76.245 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(248, 236, 223)` looks like.

```
.text, #text, p{  
    color:rgb(248, 236, 223)  
}
```

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(248, 236, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 236, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.962, 76.245 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(248, 236, 223) }
```

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

```
.border{ border-color:rgb(248, 236, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 236, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 236, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 236, 223);  
box-shadow:4px 4px 4px 4px rgb(248, 236,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.962, 76.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 236, 223) }
```

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

```
.background{ background-color: rgb(248,  
236, 223) }
```

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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