

Converting Colors

CIELCh(94, 8.580, 92.184)

Have a look what the booklet for
CIELCh(94, 8.580, 92.184) contains.

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Color

CIELCh(94, 8.580, 92.184)

Conversions

Conversions Part 1

Format	Color
Hex	F4EDDD
RGB	244, 237, 221
RGB Percent	96%, 93%, 87%
CMY	0.0419, 0.0694, 0.1321
CMYK	0.00, 0.03, 0.09, 0.04
HSL	42°, 52%, 91%
HSV	42°, 9%, 96%
XYZ	80.8805, 85.2715, 80.8149
YIQ	237.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

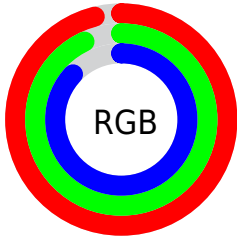
Format	Color
R _Y B	231, 244, 221
Decimal	16051677
CIE Lab	94.00, -0.33, 8.57
CIE LCh	94, 8.580, 92.184
Yxy	85.2715, 0.3275, 0.3453
Android (android.graphics.Color)	4294241757 (0xFFF4EDDD)
YUV	237.2690, -8.0206, 5.9031
Hunter-Lab	92.3426, -5.2560, 12.7513

Details

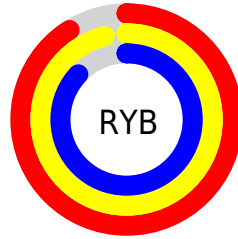
The CIELCh color **94, 8.580, 92.184** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 8.605, 274.636**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.519, 90.859** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.864, 90.941**, and if you desaturate by 10%, it is **96, 0.538, 273.936**.

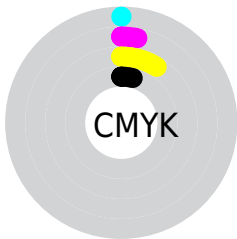
Distribution



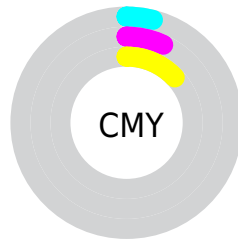
- Red (96%)
- Green (93%)
- Blue (87%)



- Red (91%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (4%)

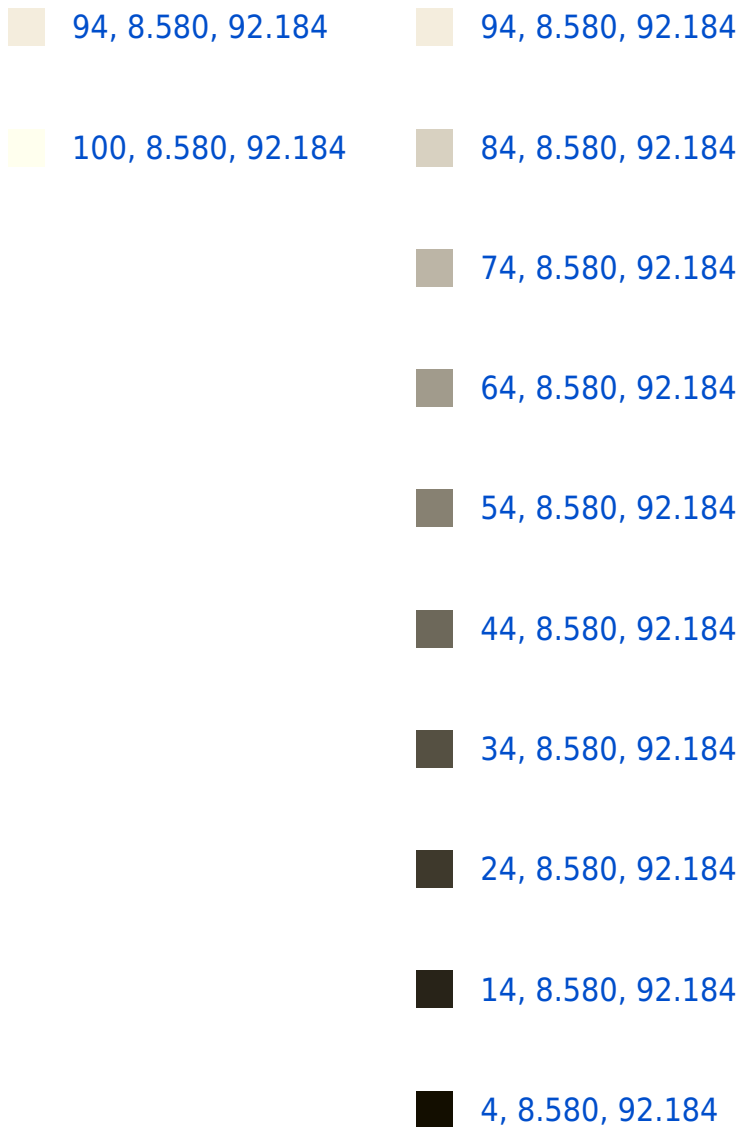


- Cyan (4%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.580, 92.184 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, 8.580, 92.184 by changing the saturation by 10% instead.



94, 8.580, 92.184

94, 8.580, 92.184

92, 17.864, 90.941

96, 0.538, 273.936

89, 27.291, 89.631

99, 3.057, 227.589

87, 36.811, 88.279

99, 3.693, 199.350

85, 46.319, 86.887

83, 55.611, 85.445

81, 64.314, 83.926

79, 71.802, 82.266

77, 77.197, 80.343

75, 79.948, 78.029

Harmonies

Complementary

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



94, 8.580, 92.184



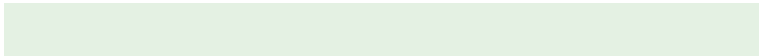
91, 8.605, 274.636

Rectangle

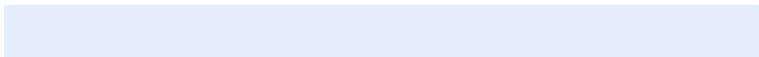
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 8.580, 92.184



94, 8.580, 142.184



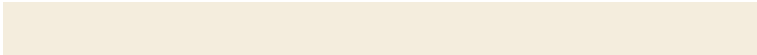
94, 8.580, 272.184



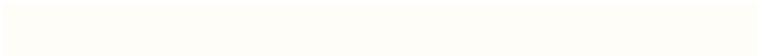
94, 8.580, 322.184

Sweetspot

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



94, 8.581, 92.199



99, 2.807, 92.927



90, 9.139, 355.655



53, 2.131, 92.849



0, 0.000, 0.000



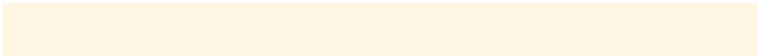
53, 0.007, 296.813

Same Dimension

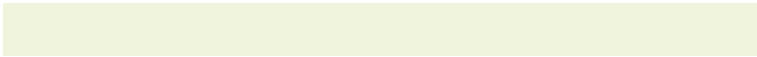
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.581, 92.199



97, 10.396, 92.002



95, 11.857, 116.691



50, 5.188, 92.191



58, 65.348, 78.376



18, 26.198, 81.182

Inverse Universe

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



91, 8.605, 274.636



93, 10.422, 274.858



89, 12.108, 298.048



48, 5.202, 274.646



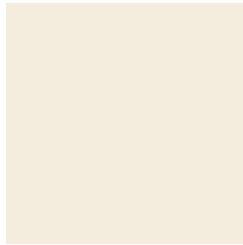
30, 80.804, 298.165



7, 30.642, 292.213

Previews

White Background



This preview shows how the CIELCh color 94, 8.580, 92.184 looks on a white background.

Color Contrast Check

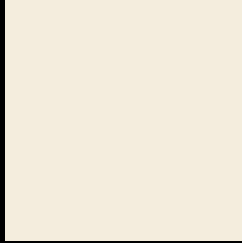
Large Text (above 18pt) WCAG AA × Fail

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, 8.580, 92.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

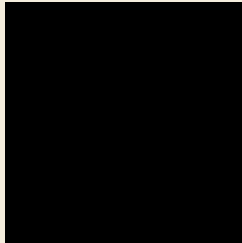
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

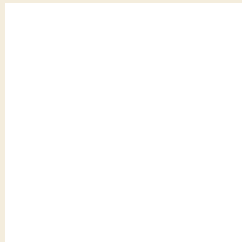
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.580, 92.184

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.580, 92.184.

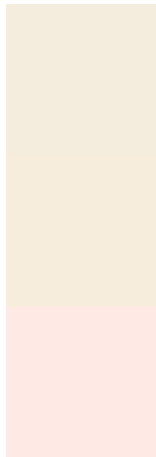


This preview shows how white text looks on a background with the CIELCh color 94, 8.580, 92.184.

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, 8.580, 92.184

Protanopia

94, 8.824, 87.614

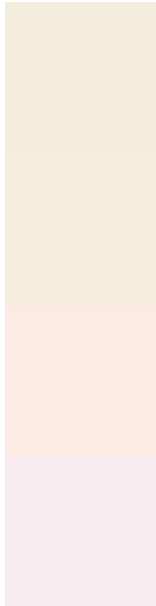
Deuteranopia

94, 8.250, 34.222



Tritanopia
94, 10.884, 321.721

Trichromacy



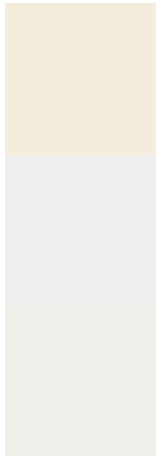
Original Color
94, 8.580, 92.184

Protanomaly
94, 8.695, 89.868

Deuteranomaly
94, 7.420, 58.037

Tritanomaly
94, 5.002, 348.728

Monochromacy



Original Color
94, 8.580, 92.184

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.146, 96.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.580, 92.184 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(244, 237, 221)` looks like.

```
.text, #text, p{  
    color:rgb(244, 237, 221)  
}
```

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(244, 237, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 237, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.580, 92.184 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(244, 237, 221) }
```

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

```
.border{ border-color:rgb(244, 237, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 237, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 237, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 237, 221);  
box-shadow:4px 4px 4px 4px rgb(244, 237,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.580, 92.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 237, 221) }
```

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

```
.background{ background-color: rgb(244,  
237, 221) }
```

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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