

Converting Colors

CIELCh(94, 8.759, 114.197)

Have a look what the booklet for
CIELCh(94, 8.759, 114.197) contains.

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Color

CIELCh(94, 8.751, 114.237)

Conversions

Conversions Part 1

Format	Color
Hex	EDEFDE
RGB	237, 239, 222
RGB Percent	93%, 94%, 87%
CMY	0.0693, 0.0615, 0.1282
CMYK	0.01, 0.00, 0.07, 0.06
HSL	67°, 35%, 91%
HSV	67°, 7%, 94%
XYZ	79.2197, 85.2715, 81.6130
YIQ	236.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

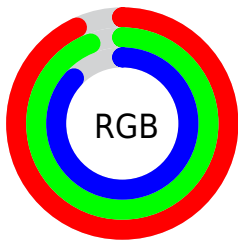
Format	Color
R _Y B	222, 239, 224
Decimal	15593438
CIE Lab	94.00, -3.59, 7.98
CIE LCh	94, 8.751, 114.237
Yxy	85.2715, 0.3219, 0.3465
Android (android.graphics.Color)	4293783518 (0xFFEDEFDE)
YUV	236.4640, -7.1308, 0.4701
Hunter-Lab	92.3426, -8.4663, 12.2389

Details

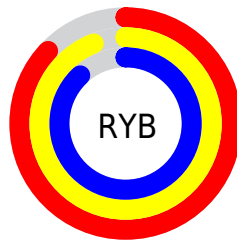
The CIELCh color **94, 8.751, 114.237** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 8.906, 295.393**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.662, 114.415** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.029, 113.449**, and if you desaturate by 10%, it is **95, 3.582, 295.037**.

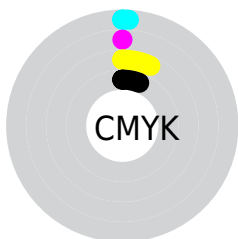
Distribution



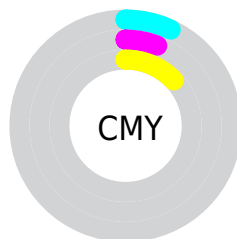
- Red (93%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.751, 114.237 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, 8.751, 114.237 by changing the saturation by 10% instead.

 94, 8.751, 114.237

 94, 8.751, 114.237

 100, 8.751,
114.237

 84, 8.751, 114.237

 74, 8.751, 114.237

 64, 8.751, 114.237

 54, 8.751, 114.237

 44, 8.751, 114.237

 34, 8.751, 114.237

 24, 8.751, 114.237

 14, 8.751, 114.237

 4, 8.751, 114.237

94, 8.751, 114.237

94, 8.751, 114.237

93, 21.029,
113.449

95, 3.582, 295.037

95, 8.175, 299.629

93, 33.163,
112.648

95, 8.390, 306.230

92, 45.031,
111.865

96, 8.711, 312.456

92, 56.441,
111.128

96, 9.127, 318.210

96, 9.626, 323.445

91, 67.103,
110.479

96, 9.772, 324.750

91, 76.592,
109.973

90, 84.356,
109.682

90, 89.825,
109.679

■ 90, 92.726,
110.007

Harmonies

Complementary

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



94, 8.751, 114.237



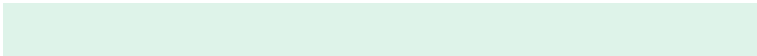
89, 8.906, 295.393

Rectangle

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



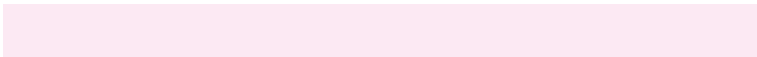
94, 8.751, 114.237



94, 8.751, 164.237



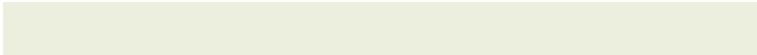
94, 8.751, 294.237



94, 8.751, 344.237

Sweetspot

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



94, 8.753, 114.247



100, 2.587, 114.641



90, 5.547, 30.323



53, 1.470, 114.649



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, 8.753, 114.247



99, 11.668, 114.094



93, 9.550, 132.758



50, 7.006, 114.059



71, 76.457, 110.019



22, 32.120, 109.775

Inverse Universe

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



89, 8.906, 295.393



93, 11.916, 295.562



90, 9.634, 313.314



46, 7.161, 295.602



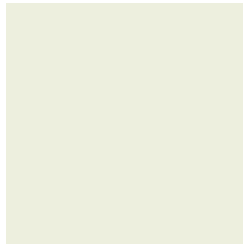
22, 103.854, 306.705



3, 38.122, 301.494

Previews

White Background



This preview shows how the CIELCh color 94, 8.751, 114.237 looks on a white background.

Color Contrast Check

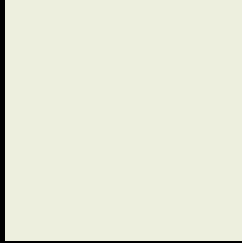
Large Text (above 18pt) WCAG AA × Fail

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, 8.751, 114.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

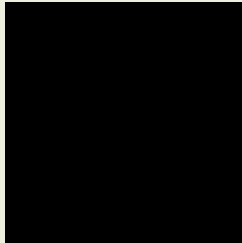
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

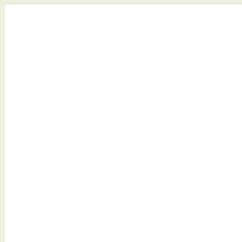
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.751, 114.237

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.751, 114.237.

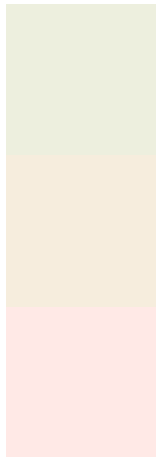


This preview shows how white text looks on a background with the CIELCh color 94, 8.751, 114.237.

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

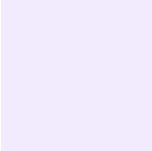
94, 8.751, 114.237

Protanopia

94, 8.824, 87.614

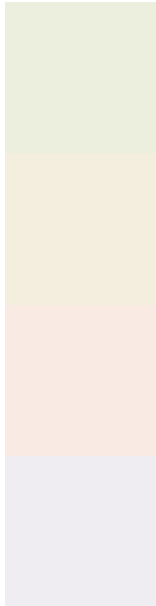
Deuteranopia

94, 8.125, 30.751



Tritanopia
94, 9.625, 305.451

Trichromacy



Original Color
94, 8.751, 114.237

Protanomaly
94, 8.891, 97.639

Deuteranomaly
94, 6.517, 58.565

Tritanomaly
94, 2.803, 312.507

Monochromacy



Original Color
94, 8.751, 114.237

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.097, 116.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.751, 114.237 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(237, 239, 222)` looks like.

```
.text, #text, p{  
    color:rgb(237, 239, 222)  
}
```

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(237, 239, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 239, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.751, 114.237 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(237, 239, 222) }
```

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

```
.border{ border-color:rgb(237, 239, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 239, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 239, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 239, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 239,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.751, 114.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 239, 222) }
```

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

```
.background{ background-color: rgb(237,  
239, 222) }
```

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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