

Converting Colors

CIELCh(94, 9.904, 116.129)

Have a look what the booklet for
CIELCh(94, 9.904, 116.129) contains.

CIELCh(94, 9.803, 115.786)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 9.803, 115.786)

Conversions

Conversions Part 1

Format	Color
Hex	EDF0DD
RGB	237, 240, 221
RGB Percent	93%, 94%, 87%
CMY	0.0719, 0.0601, 0.1346
CMYK	0.01, 0.00, 0.08, 0.06
HSL	69°, 38%, 90%
HSV	69°, 8%, 94%
XYZ	78.8808, 85.2715, 80.4765
YIQ	236.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

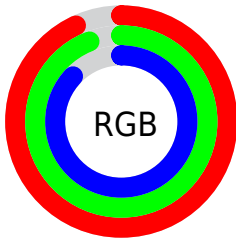
Format	Color
R_{YB}	221, 240, 224
Decimal	15593693
CIE _{Lab}	94.00, -4.26, 8.83
CIE _{LCh}	94, 9.803, 115.786
Yxy	85.2715, 0.3225, 0.3486
Android (android.graphics.Color)	4293783773 (0xFFEDF0DD)
YUV	236.9370, -7.8569, 0.0553
Hunter-Lab	92.3426, -9.1214, 12.9686

Details

The CIELCh color **94, 9.803, 115.786** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 9.988, 296.983**, 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, 9.768, 116.011** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.130, 115.049**, and if you desaturate by 10%, it is **95, 2.580, 296.525**.

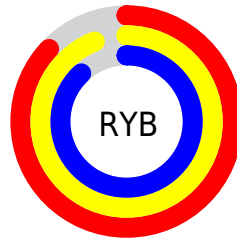
Distribution



Red (93%)

Green (94%)

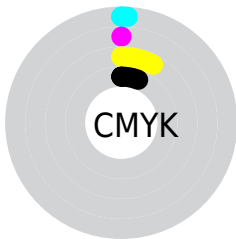
Blue (87%)



Red (87%)

Yellow (94%)

Blue (88%)

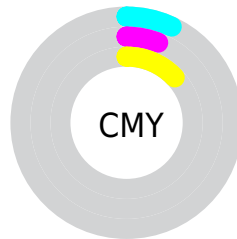


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.803, 115.786 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, 9.803, 115.786 by changing the saturation by 10% instead.

94, 9.803, 115.786

94, 9.803, 115.786

100, 9.803,
115.786

84, 9.803, 115.786

74, 9.803, 115.786

64, 9.803, 115.786

54, 9.803, 115.786

44, 9.803, 115.786

34, 9.803, 115.786

24, 9.803, 115.786

14, 9.803, 115.786

4, 9.803, 115.786

94, 9.803, 115.786

94, 9.803, 115.786

93, 22.130,
115.049

95, 2.580, 296.525

92, 34.308,
114.302

95, 8.060, 302.090

92, 46.210,
113.574

96, 8.429, 310.886

91, 57.639,
112.898


96, 9.558, 324.742

91, 68.295,
112.319

90, 77.747,
111.900

90, 85.436,
111.722

90, 90.803,
111.868

 89, 93.647,
112.380

Harmonies

Complementary

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



94, 9.803, 115.786



89, 9.988, 296.983

Rectangle

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



94, 9.803, 115.786



94, 9.803, 165.786



94, 9.803, 295.786



94, 9.803, 345.786

Sweetspot

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



94, 9.805, 115.794



100, 2.594, 116.227



90, 6.058, 33.775



53, 1.475, 116.234



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, 9.805, 115.794



99, 13.005, 115.638



93, 10.765, 133.813



50, 7.028, 115.680



70, 77.001, 112.355



22, 32.283, 111.909

Inverse Universe

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



89, 9.988, 296.983



92, 13.301, 297.157



89, 10.857, 314.442



46, 7.180, 297.111



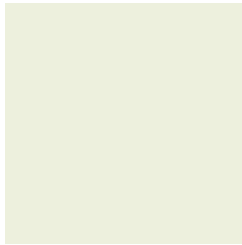
23, 103.470, 306.944



3, 38.248, 302.420

Previews

White Background



This preview shows how the CIELCh color 94, 9.803, 115.786 looks on a white background.

Color Contrast Check

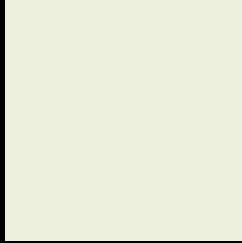
Large Text (above 18pt) WCAG AA × Fail

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, 9.803, 115.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

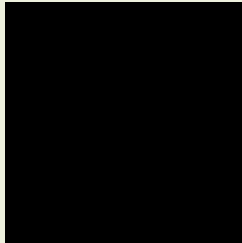
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

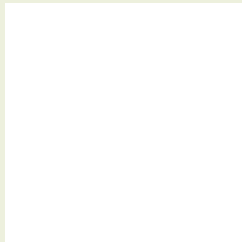
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.803, 115.786

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.803, 115.786.

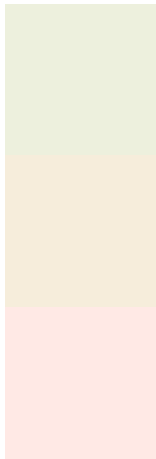


This preview shows how white text looks on a background with the CIELCh color 94, 9.803, 115.786.

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, 9.803, 115.786

Protanopia

94, 9.788, 89.721

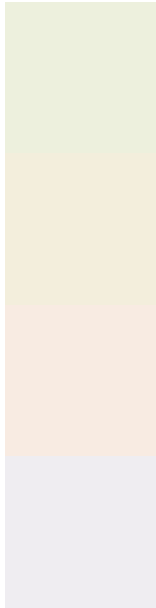
Deuteranopia

94, 8.250, 34.222



Tritanopia
94, 9.541, 303.438

Trichromacy



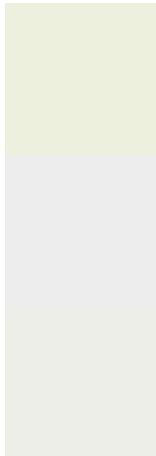
Original Color
94, 9.803, 115.786

Protanomaly
94, 9.394, 98.224

Deuteranomaly
94, 6.589, 63.983

Tritanomaly
94, 2.194, 309.079

Monochromacy



Original Color
94, 9.803, 115.786

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.608, 115.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.803, 115.786 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, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 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(237, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.803, 115.786 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, 240, 221) }
```

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

```
.border{ border-color:rgb(237, 240, 221) }
```

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

Here you see how a box with a 4 pixel rgb(237, 240, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.803, 115.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 221) }
```

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

```
.background{ background-color: rgb(237,  
240, 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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