

Converting Colors

CIELCh(94, 19.207, 118.686)

Have a look what the booklet for
CIELCh(94, 19.207, 118.686)
contains.

CIELCh(94, 19.222, 118.682)	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, 19.222, 118.682)

Conversions

Conversions Part 1

Format	Color
Hex	E9F2CD
RGB	233, 242, 205
RGB Percent	91%, 95%, 80%
CMY	0.0861, 0.0508, 0.1959
CMYK	0.04, 0.00, 0.15, 0.05
HSL	75°, 59%, 88%
HSV	75°, 15%, 95%
XYZ	76.4085, 85.2715, 70.2165
YIQ	235.0910, 6.5130, -13.4150

Conversions

Conversions Part 2

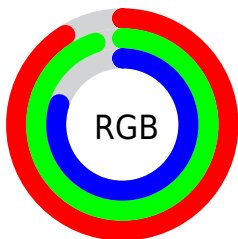
Format	Color
R _Y B	205, 242, 214
Decimal	15332045
CIE Lab	94.00, -9.23, 16.86
CIE LCh	94, 19.222, 118.682
Yxy	85.2715, 0.3295, 0.3677
Android (android.graphics.Color)	4293522125 (0xFFE9F2CD)
YUV	235.0910, -14.8349, -1.8338
Hunter-Lab	92.3426, -13.9004, 19.5562

Details

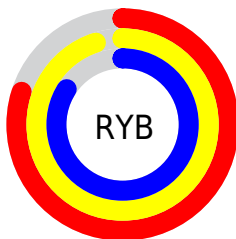
The CIELCh color **94, 19.222, 118.682** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 19.839, 300.712**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 19.124, 119.029** is the 20% darker color. If you saturate the color by 10%, you get **93, 31.688, 118.037**, and if you desaturate by 10%, it is **95, 6.652, 119.330**.

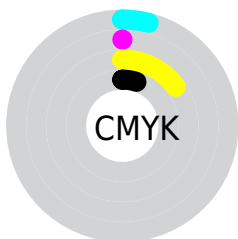
Distribution



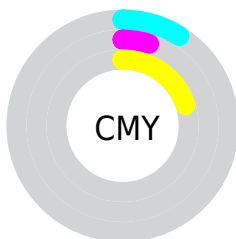
- Red (91%)
- Green (95%)
- Blue (80%)



- Red (80%)
- Yellow (95%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.222, 118.682 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, 19.222, 118.682 by changing the saturation by 10% instead.

 94, 19.222,
118.682

 94, 19.222,
118.682

 100, 19.222,
118.682


 84, 19.222,
118.682

 74, 19.222,
118.682

 64, 19.222,
118.682

 54, 19.222,
118.682

 44, 19.222,
118.682

 34, 19.222,
118.682

 24, 19.222,

118.682

■ 14, 19.222,
118.682

■ 4, 19.222, 118.682

■ 94, 19.222,
118.682

■ 94, 19.222,
118.682

■ 93, 31.688,
118.037

■ 95, 6.652, 119.330

■ 92, 43.925,
117.399

■ 96, 5.947, 299.939

■ 96, 7.327, 314.933

■ 92, 55.758,
116.806

■ 97, 8.069, 324.684

■ 91, 66.919,
116.302

■ 90, 77.016,
115.956

■ 90, 85.521,
115.859

■ 89, 91.852,
116.116

■ 89, 95.638,
116.807

■ 89, 96.774,
117.243

Harmonies

Complementary

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



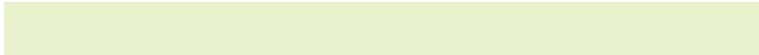
94, 19.222, 118.682



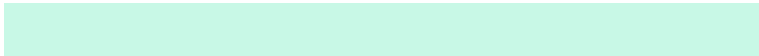
84, 19.839, 300.712

Rectangle

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



94, 19.222, 118.682



94, 19.222, 168.682



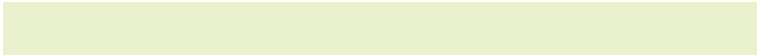
94, 19.222, 298.682



94, 19.222, 348.682

Sweetspot

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



94, 19.224, 118.686



99, 6.561, 119.347



88, 11.556, 42.860



53, 4.477, 119.302



0, 0.000, 0.000



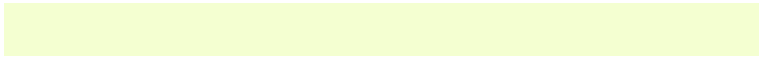
53, 0.007, 296.813

Same Dimension

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



94, 19.224, 118.686



98, 23.594, 118.507



93, 21.496, 136.090



50, 7.094, 119.062



69, 78.566, 117.022



21, 32.780, 116.231

Inverse Universe

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



84, 19.839, 300.712



86, 24.491, 300.929



86, 21.720, 317.426



46, 7.238, 300.282



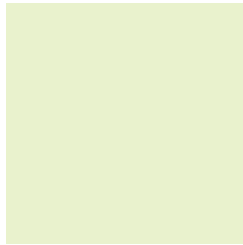
24, 102.374, 307.669



3, 38.553, 304.467

Previews

White Background



This preview shows how the CIE LCh color 94, 19.222, 118.682 looks on a white background.

Color Contrast Check

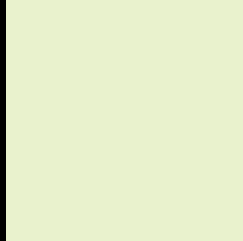
Large Text (above 18pt) WCAG AA × Fail

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, 19.222, 118.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

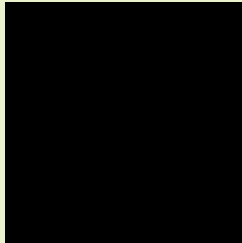
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

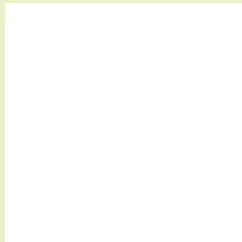
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 19.222, 118.682

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.222, 118.682.

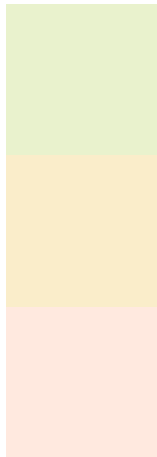


This preview shows how white text looks on a background with the CIELCh color 94, 19.222, 118.682.

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, 19.222, 118.682

Protanopia

94, 18.584, 93.438

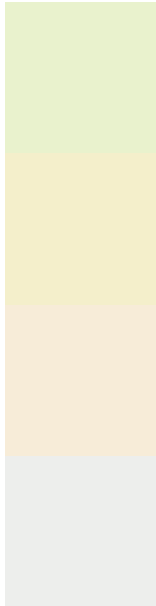
Deuteranopia

94, 9.564, 52.166



Tritanopia
94, 9.975, 300.878

Trichromacy



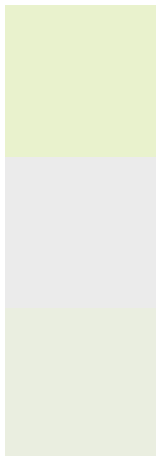
Original Color
94, 19.222, 118.682

Protanomaly
94, 18.506, 102.897

Deuteranomaly
94, 11.021, 87.749

Tritanomaly
94, 1.081, 129.157

Monochromacy



Original Color
94, 19.222, 118.682

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 7.342, 120.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.222, 118.682 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(233, 242, 205)` looks like.

```
.text, #text, p{  
    color:rgb(233, 242, 205)  
}
```

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(233, 242, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 242, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.222, 118.682 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(233, 242, 205) }
```

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

```
.border{ border-color:rgb(233, 242, 205) }
```

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

Here you see how a box with a 4 pixel rgb(233, 242, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 242, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 242, 205);  
box-shadow:4px 4px 4px 4px rgb(233, 242,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.222, 118.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 242, 205) }
```

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

```
.background{ background-color: rgb(233,  
242, 205) }
```

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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