

Converting Colors

CIELCh(94, 19.371, 117.851)

Have a look what the booklet for
CIELCh(94, 19.371, 117.851)
contains.

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Color

CIElCh(94, 19.156, 117.600)

Conversions

Conversions Part 1

Format	Color
Hex	EAF2CD
RGB	234, 242, 205
RGB Percent	92%, 95%, 80%
CMY	0.0830, 0.0516, 0.1967
CMYK	0.03, 0.00, 0.15, 0.05
HSL	73°, 58%, 88%
HSV	73°, 15%, 95%
XYZ	76.5815, 85.2715, 70.0792
YIQ	235.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

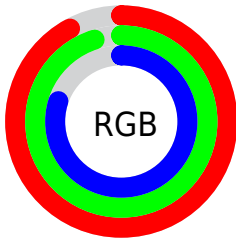
Format	Color
R_{YB}	205, 242, 213
Decimal	15397581
CIE _{Lab}	94.00, -8.87, 16.98
CIE _{LCh}	94, 19.156, 117.600
Yxy	85.2715, 0.3302, 0.3677
Android (android.graphics.Color)	4293587661 (0xFFEAF2CD)
YUV	235.3900, -14.9823, -1.2190
Hunter-Lab	92.3426, -13.5660, 19.6444

Details

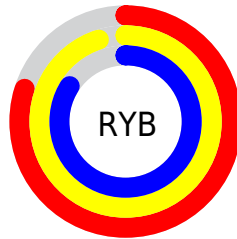
The CIELCh color **94, 19.156, 117.600** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 19.787, 299.735**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 19.050, 117.881** is the 20% darker color. If you saturate the color by 10%, you get **93, 31.563, 116.925**, and if you desaturate by 10%, it is **95, 6.640, 118.277**.

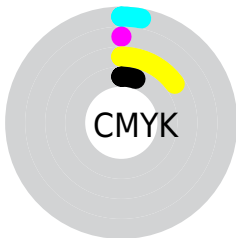
Distribution



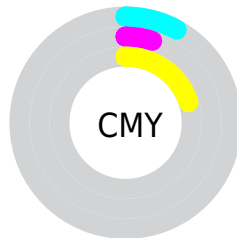
- Red (92%)
- Green (95%)
- Blue (80%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.156, 117.600 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, 19.156, 117.600 by changing the saturation by 10% instead.

 94, 19.156,
117.600

 94, 19.156,
117.600

 100, 19.156,
117.600

 84, 19.156,
117.600


 74, 19.156,
117.600

 64, 19.156,
117.600

 54, 19.156,
117.600

 44, 19.156,
117.600

 34, 19.156,
117.600

 24, 19.156,

117.600

■ 14, 19.156,
117.600

■ 4, 19.156, 117.600

■ 94, 19.156,
117.600

■ 94, 19.156,
117.600

■ 93, 31.563,
116.925

■ 95, 6.640, 118.277

■ 92, 43.738,
116.259

■ 96, 5.912, 298.921

■ 96, 7.292, 312.158

■ 92, 55.503,
115.636

■ 97, 8.153, 324.209

■ 91, 66.592,
115.102

■ 97, 8.199, 324.689

■ 91, 76.609,
114.721

■ 90, 85.024,
114.581

■ 90, 91.256,
114.780

■ 89, 94.932,
115.396

■ 89, 96.012,
115.791

Harmonies

Complementary

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



94, 19.156, 117.600



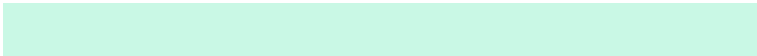
84, 19.787, 299.735

Rectangle

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



94, 19.156, 117.600



94, 19.156, 167.600



94, 19.156, 297.600



94, 19.156, 347.600

Sweetspot

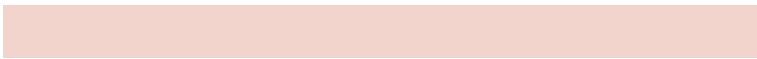
The Sweet Spot groups the original color and five complimentary colors.



94, 19.158, 117.604



99, 6.540, 118.296



87, 11.757, 39.178



53, 4.462, 118.249



0, 0.000, 0.000



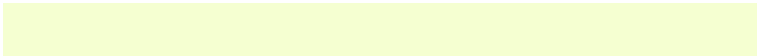
53, 0.007, 296.813

Same Dimension

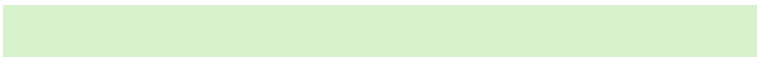
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 19.158, 117.604



98, 23.512, 117.418



93, 21.286, 135.058



50, 7.070, 117.998



69, 78.015, 115.589



21, 32.601, 114.893

Inverse Universe

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



84, 19.787, 299.735



86, 24.429, 299.963



85, 21.540, 316.375



46, 7.217, 299.280



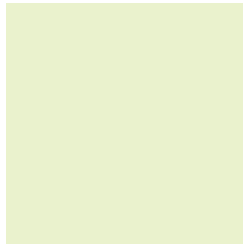
23, 102.761, 307.405



3, 38.450, 303.785

Previews

White Background



This preview shows how the CIELCh color 94, 19.156, 117.600 looks on a white background.

Color Contrast Check

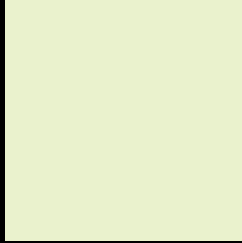
Large Text (above 18pt) WCAG AA × Fail

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, 19.156, 117.600 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

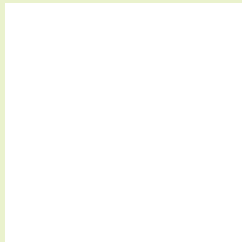
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 19.156, 117.600

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.156, 117.600.

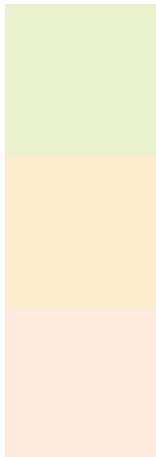


This preview shows how white text looks on a background with the CIELCh color 94, 19.156, 117.600.

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, 19.156, 117.600

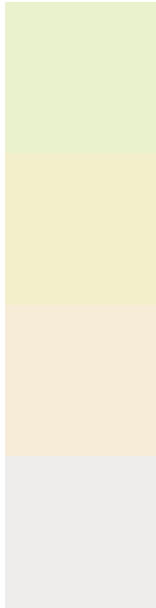
Protanopia
94, 18.584, 93.438

Deuteranopia
94, 9.564, 52.166



Tritanopia
94, 10.044, 302.818

Trichromacy



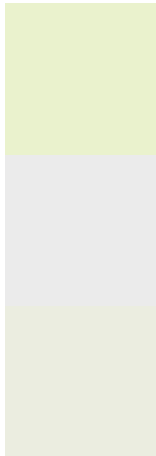
Original Color
94, 19.156, 117.600

Protanomaly
94, 18.506, 102.897

Deuteranomaly
94, 11.021, 87.749

Tritanomaly
94, 0.613, 74.635

Monochromacy



Original Color
94, 19.156, 117.600

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.720, 115.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.156, 117.600 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(234, 242, 205)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 242, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 242, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.156, 117.600 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(234, 242, 205) }
```

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

```
.border{ border-color:rgb(234, 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(234, 242, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 242, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 242, 205);  
box-shadow:4px 4px 4px 4px rgb(234, 242,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.156, 117.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 242, 205) }
```

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

```
.background{ background-color: rgb(234,  
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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