

Converting Colors

CIELCh(94, 36.456, 115.100)

Have a look what the booklet for
CIELCh(94, 36.456, 115.100)
contains.

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Color

CIElCh(94, 36.803, 115.144)

Conversions

Conversions Part 1

Format	Color
Hex	E8F5AD
RGB	232, 245, 173
RGB Percent	91%, 96%, 68%
CMY	0.0912, 0.0402, 0.3225
CMYK	0.05, 0.00, 0.29, 0.04
HSL	71°, 78%, 82%
HSV	71°, 29%, 96%
XYZ	73.2905, 85.2715, 52.0088
YIQ	232.9050, 15.3640, -25.1480

Conversions

Conversions Part 2

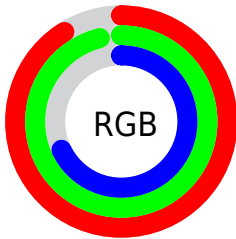
Format	Color
RYB	173, 245, 186
Decimal	15267245
CIELab	94.00, -15.64, 33.32
CIELCh	94, 36.803, 115.144
Yxy	85.2715, 0.3481, 0.4050
Android (android.graphics.Color)	4293457325 (0xFFE8F5AD)
YUV	232.9050, -29.5332, -0.7937
Hunter-Lab	92.3426, -19.9275, 31.2468

Details

The CIELCh color **94, 36.803, 115.144** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74, 39.367, 299.802**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **74, 36.871, 115.022** is the 20% darker color. If you saturate the color by 10%, you get **93, 48.888, 114.452**, and if you desaturate by 10%, it is **95, 24.418, 115.866**.

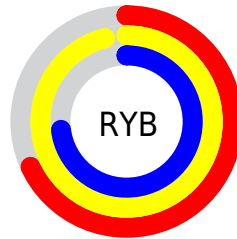
Distribution



Red (91%)

Green (96%)

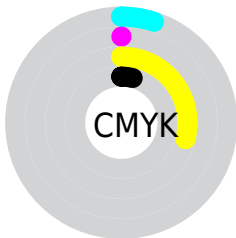
Blue (68%)



Red (68%)

Yellow (96%)

Blue (73%)

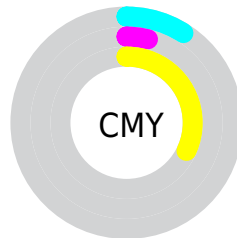


Cyan (5%)

Magenta (0%)

Yellow (29%)

Black (4%)



Cyan (9%)

Magenta (4%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 36.803, 115.144 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, 36.803, 115.144 by changing the saturation by 10% instead.

 94, 36.803,
115.144


 94, 36.803,
115.144

 100, 36.803,
115.144

 84, 36.803,
115.144

 74, 36.803,
115.144

 64, 36.803,
115.144

 54, 36.803,
115.144

 44, 36.803,
115.144

 34, 36.803,
115.144

 24, 36.803,

115.144

■ 14, 36.803,
115.144

■ 4, 36.803, 115.144

■ 94, 36.803,
115.144

■ 94, 36.803,
115.144

■ 93, 48.888,
114.452

■ 95, 24.418,
115.866

■ 93, 60.454,
113.816

■ 96, 11.868,
116.585

■ 92, 71.179,
113.289

■ 97, 0.752, 297.281

■ 92, 80.603,
112.940

■ 97, 5.518, 307.706

■ 97, 6.164, 321.530

■ 91, 88.146,
112.857

■ 97, 6.383, 324.615

■ 91, 93.262,
113.128

■ 91, 95.927,
113.770

■ 91, 96.054,
113.812

Harmonies

Complementary

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



94, 36.803, 115.144



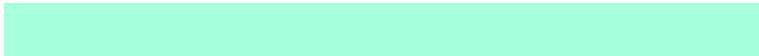
74, 39.367, 299.802

Rectangle

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



94, 36.803, 115.144



94, 36.803, 165.144



94, 36.803, 295.144



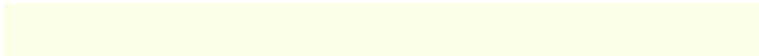
94, 36.803, 345.144

Sweetspot

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



94, 36.805, 115.147



99, 11.730, 116.613



80, 24.741, 35.933



53, 8.150, 116.509



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

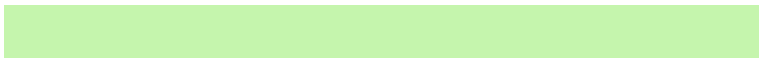
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 36.805, 115.147



97, 45.075, 114.749



92, 40.942, 133.285



51, 7.166, 116.580



71, 78.164, 113.639



23, 33.660, 112.931

Inverse Universe

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



74, 39.367, 299.802



72, 48.961, 300.425



77, 41.989, 315.941



47, 7.319, 297.954



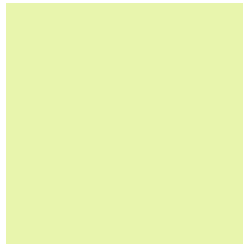
23, 104.290, 307.099



3, 40.448, 303.812

Previews

White Background



This preview shows how the CIELCh color 94, 36.803, 115.144 looks on a white background.

Color Contrast Check

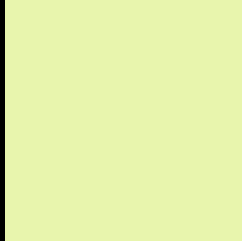
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 36.803, 115.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

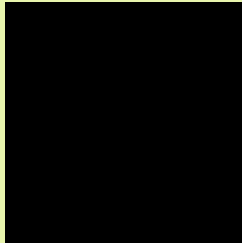
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

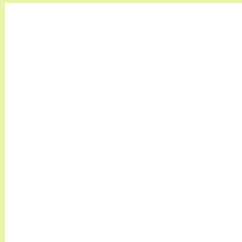
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 36.803, 115.144

Background



This preview shows how black text looks on a background with the CIELCh color 94, 36.803, 115.144.

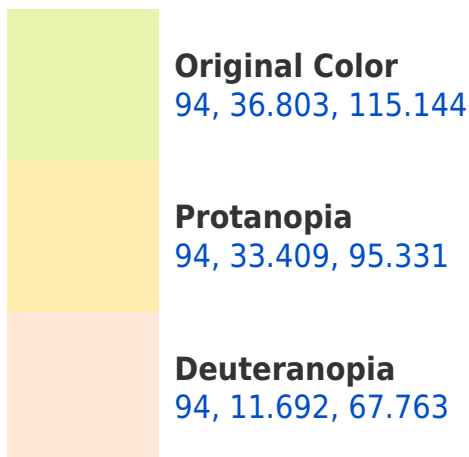


This preview shows how white text looks on a background with the CIELCh color 94, 36.803, 115.144.

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](#).

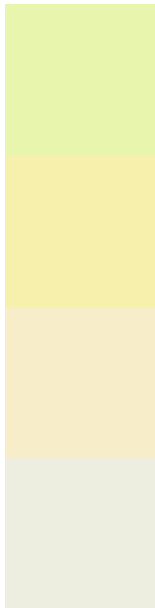
Dichromacy





Tritanopia
94, 10.223, 306.622

Trichromacy



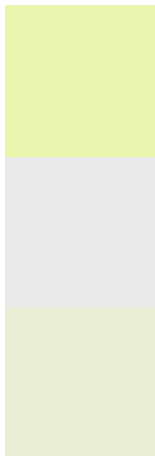
Original Color
94, 36.803, 115.144

Protanomaly
94, 34.162, 102.871

Deuteranomaly
94, 19.232, 98.505

Tritanomaly
94, 7.180, 109.602

Monochromacy



Original Color
94, 36.803, 115.144

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 13.438, 115.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 36.803, 115.144 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(232, 245, 173)` looks like.

```
.text, #text, p{  
    color:rgb(232, 245, 173)  
}
```

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(232, 245, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 245, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 36.803, 115.144 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(232, 245, 173) }
```

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

```
.border{ border-color:rgb(232, 245, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 245, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 245, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 245, 173);  
box-shadow:4px 4px 4px 4px rgb(232, 245,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 36.803, 115.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 245, 173) }
```

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

```
.background{ background-color: rgb(232,  
245, 173) }
```

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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