

Converting Colors

CIELCh(94, 36.337, 115.272)

Have a look what the booklet for
CIELCh(94, 36.337, 115.272)
contains.

CIELCh(94, 36.312, 115.280)	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, 36.312, 115.280)

Conversions

Conversions Part 1

Format	Color
Hex	E8F5AE
RGB	232, 245, 174
RGB Percent	91%, 96%, 68%
CMY	0.0914, 0.0404, 0.3188
CMYK	0.05, 0.00, 0.29, 0.04
HSL	71°, 78%, 82%
HSV	71°, 29%, 96%
XYZ	73.3532, 85.2715, 52.4905
YIQ	233.0190, 15.0430, -24.8370

Conversions

Conversions Part 2

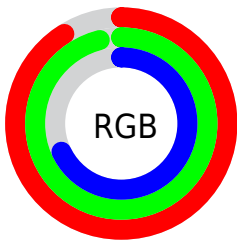
Format	Color
RYB	174, 245, 187
Decimal	15267246
CIELab	94.00, -15.51, 32.83
CIELCh	94, 36.312, 115.280
Yxy	85.2715, 0.3475, 0.4039
Android (android.graphics.Color)	4293457326 (0xFFE8F5AE)
YUV	233.0190, -29.0964, -0.8937
Hunter-Lab	92.3426, -19.8064, 30.9375

Details

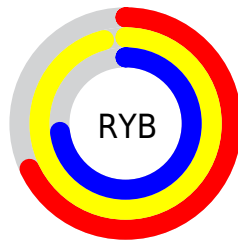
The CIELCh color **94, 36.312, 115.280** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74, 38.795, 299.845**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **74, 36.366, 115.177** is the 20% darker color. If you saturate the color by 10%, you get **93, 48.415, 114.590**, and if you desaturate by 10%, it is **95, 23.916, 115.999**.

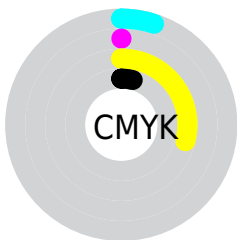
Distribution



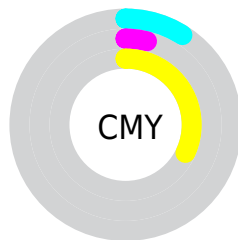
- Red (91%)
- Green (96%)
- Blue (68%)



- 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, 36.312, 115.280 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, 36.312, 115.280 by changing the saturation by 10% instead.


 94, 36.312,
115.280


 94, 36.312,
115.280


 100, 36.312,
115.280


 84, 36.312,
115.280

 74, 36.312,
115.280

 64, 36.312,
115.280

 54, 36.312,
115.280

 44, 36.312,
115.280

 34, 36.312,
115.280

 24, 36.312,

115.280

■ 14, 36.312,
115.280

■ 4, 36.312, 115.280

■ 94, 36.312,
115.280

■ 94, 36.312,
115.280

■ 93, 48.415,
114.590

■ 95, 23.916,
115.999

■ 93, 60.010,
113.953

■ 96, 11.360,
116.715

■ 92, 70.780,
113.424

■ 97, 1.262, 297.409

■ 97, 5.568, 308.471

■ 92, 80.272,
113.071

■ 97, 6.242, 322.258

■ 91, 87.909,
112.981

■ 97, 6.413, 324.617

■ 91, 93.137,
113.243

■ 91, 95.880,
113.884

■ 90, 96.095,
113.955

Harmonies

Complementary

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



94, 36.312, 115.280



74, 38.795, 299.845

Rectangle

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



94, 36.312, 115.280



94, 36.312, 165.280



94, 36.312, 295.280



94, 36.312, 345.280

Sweetspot

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



94, 36.314, 115.283



99, 11.733, 116.714



80, 24.355, 35.920



53, 8.152, 116.610



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

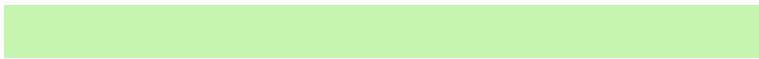
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 36.314, 115.283



97, 45.089, 114.858



92, 40.377, 133.307



51, 7.168, 116.681



71, 78.208, 113.781



23, 33.674, 113.061

Inverse Universe

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



74, 38.795, 299.845



72, 48.967, 300.506



77, 41.395, 315.923



47, 7.321, 298.049



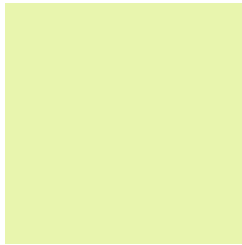
23, 104.260, 307.119



3, 40.456, 303.866

Previews

White Background



This preview shows how the CIELCh color 94, 36.312, 115.280 looks on a white background.

Color Contrast Check

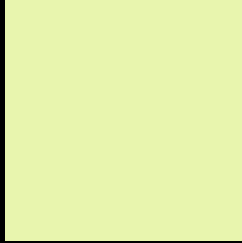
Large Text (above 18pt) WCAG AA × Fail

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, 36.312, 115.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

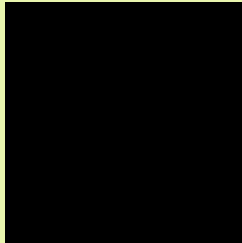
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

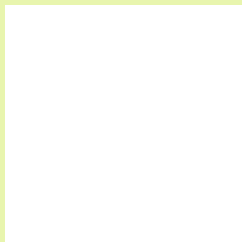
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 36.312, 115.280

Background



This preview shows how black text looks on a background with the CIELCh color 94, 36.312, 115.280.

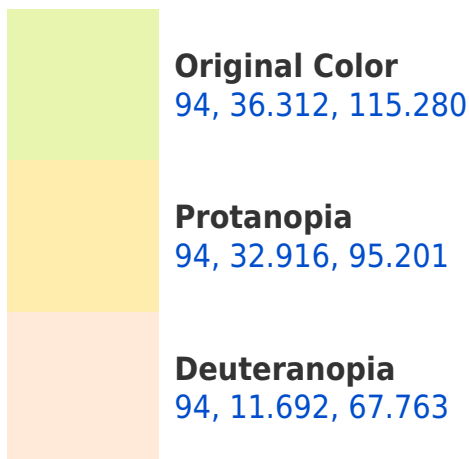


This preview shows how white text looks on a background with the CIELCh color 94, 36.312, 115.280.

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](#).

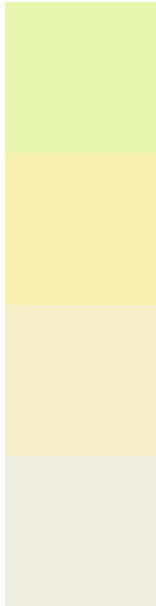
Dichromacy





Tritanopia
94, 10.223, 306.622

Trichromacy



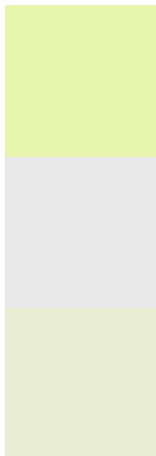
Original Color
94, 36.312, 115.280

Protanomaly
94, 33.664, 102.848

Deuteranomaly
94, 19.232, 98.505

Tritanomaly
94, 7.180, 109.602

Monochromacy



Original Color
94, 36.312, 115.280

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, 36.312, 115.280 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(232, 245, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 245, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 36.312, 115.280 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, 174) }
```

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

```
.border{ border-color:rgb(232, 245, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 245, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 245, 174);  
box-shadow:4px 4px 4px 4px rgb(232, 245,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 36.312, 115.280 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, 174) }
```

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

```
.background{ background-color: rgb(232,  
245, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor