

Converting Colors

CIELCh(94, 33.698, 107.424)

Have a look what the booklet for
CIELCh(94, 33.698, 107.424)
contains.

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Color

CIElCh(94, 34.007, 107.482)

Conversions

Conversions Part 1

Format	Color
Hex	F2F2AF
RGB	242, 242, 175
RGB Percent	95%, 95%, 69%
CMY	0.0520, 0.0519, 0.3147
CMYK	0.00, 0.00, 0.28, 0.05
HSL	60°, 72%, 82%
HSV	60°, 28%, 95%
XYZ	75.9213, 85.2715, 52.8913
YIQ	234.3620, 21.5070, -20.8370

Conversions

Conversions Part 2

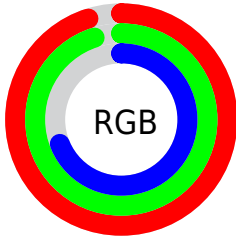
Format	Color
R _Y B	175, 242, 175
Decimal	15921839
CIE Lab	94.00, -10.22, 32.44
CIE LCh	94, 34.007, 107.482
Yxy	85.2715, 0.3546, 0.3983
Android (android.graphics.Color)	4294111919 (0xFFFF2F2AF)
YUV	234.3620, -29.2655, 6.6985
Hunter-Lab	92.3426, -14.8423, 30.6801

Details

The CIELCh color **94, 34.007, 107.482** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74, 36.367, 293.559**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **74, 33.972, 107.588** is the 20% darker color. If you saturate the color by 10%, you get **94, 45.894, 106.530**, and if you desaturate by 10%, it is **94, 21.845, 108.460**.

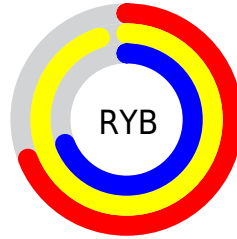
Distribution



Red (95%)

Green (95%)

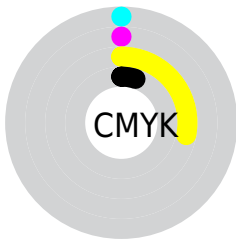
Blue (69%)



Red (69%)

Yellow (95%)

Blue (69%)

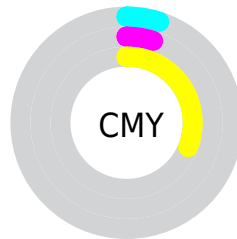


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 34.007, 107.482 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, 34.007, 107.482 by changing the saturation by 10% instead.

 94, 34.007,
107.482

 94, 34.007,
107.482

 100, 34.007,
107.482

 84, 34.007,
107.482

 74, 34.007,
107.482

 64, 34.007,
107.482

 54, 34.007,
107.482

 44, 34.007,
107.482

 34, 34.007,
107.482

 24, 34.007,

107.482

■ 14, 34.007,
107.482

■ 4, 34.007, 107.482

■ 94, 34.007,
107.482

■ 94, 34.007,
107.482

■ 94, 45.894,
106.530

■ 94, 21.845,
108.460

■ 93, 57.299,
105.618

■ 95, 9.532, 109.432

■ 93, 67.914,
104.778

■ 96, 2.848, 290.428

■ 93, 77.294,
104.049

■ 96, 6.802, 290.723

■ 96, 6.802, 290.732

93, 84.864,
103.472

96, 6.802, 290.742

93, 90.059,
103.083

96, 6.802, 290.752

93, 92.666,
102.891

96, 6.802, 290.762

93, 93.074,
102.861

96, 6.802, 290.772

Harmonies

Complementary

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



94, 34.007, 107.482



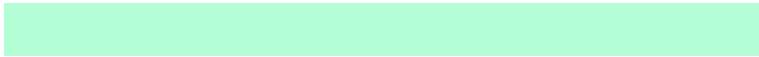
74, 36.367, 293.559

Rectangle

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



94, 34.007, 107.482



94, 34.007, 157.482



94, 34.007, 287.482



94, 34.007, 337.482

Sweetspot

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



94, 34.009, 107.486



100, 10.326, 109.402



78, 26.335, 21.662



53, 7.338, 109.256



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

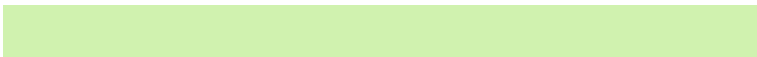
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 34.009, 107.486



98, 42.120, 106.968



92, 36.492, 127.775



50, 6.974, 109.262



72, 75.720, 102.861



23, 31.945, 103.314

Inverse Universe

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



74, 36.367, 293.559



73, 45.751, 294.411



76, 37.936, 310.417



46, 7.131, 291.172



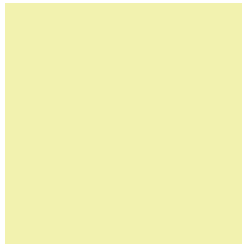
22, 104.555, 306.288



3, 37.810, 298.753

Previews

White Background



This preview shows how the CIE LCh color 94, 34.007, 107.482 looks on a white background.

Color Contrast Check

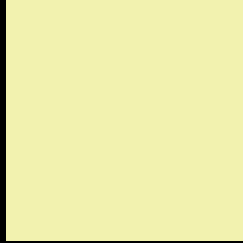
Large Text (above 18pt) WCAG AA × Fail

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, 34.007, 107.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

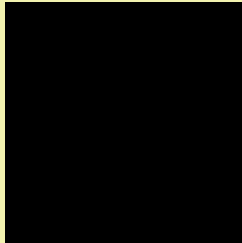
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 34.007, 107.482

Background



This preview shows how black text looks on a background with the CIELCh color 94, 34.007, 107.482.

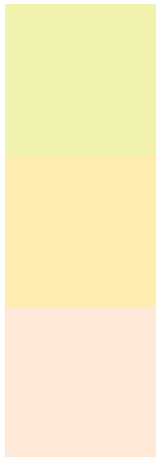


This preview shows how white text looks on a background with the CIELCh color 94, 34.007, 107.482.

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, 34.007, 107.482

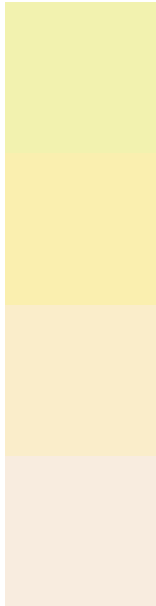
Protanopia
94, 32.423, 95.065

Deuteranopia
94, 11.692, 67.763



Tritanopia
94, 11.473, 326.283

Trichromacy



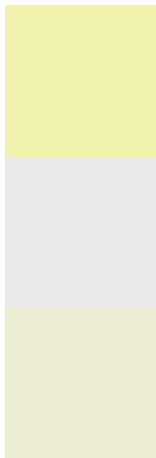
Original Color
94, 34.007, 107.482

Protanomaly
94, 32.863, 100.061

Deuteranomaly
94, 18.584, 93.438

Tritanomaly
94, 7.962, 76.245

Monochromacy



Original Color
94, 34.007, 107.482

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 12.827, 109.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 34.007, 107.482 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(242, 242, 175)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 175)  
}
```

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(242, 242, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 34.007, 107.482 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(242, 242, 175) }
```

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

```
.border{ border-color:rgb(242, 242, 175) }
```

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

Here you see how a box with a 4 pixel rgb(242, 242, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 175);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 34.007, 107.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 175) }
```

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

```
.background{ background-color: rgb(242,  
242, 175) }
```

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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