

Converting Colors

CIELCh(94, 36.519, 107.271)

Have a look what the booklet for
CIELCh(94, 36.519, 107.271)
contains.

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Color

CIELCh(94, 36.493, 107.282)

Conversions

Conversions Part 1

Format	Color
Hex	F2F2AA
RGB	242, 242, 170
RGB Percent	95%, 95%, 67%
CMY	0.0510, 0.0510, 0.3334
CMYK	0.00, 0.00, 0.30, 0.05
HSL	60°, 73%, 81%
HSV	60°, 30%, 95%
XYZ	75.6147, 85.2715, 50.4969
YIQ	233.7920, 23.1120, -22.3920

Conversions

Conversions Part 2

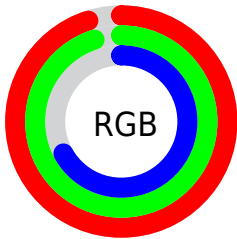
Format	Color
RYB	170, 242, 170
Decimal	15921834
CIELab	94.00, -10.84, 34.85
CIELCh	94, 36.493, 107.282
Yxy	85.2715, 0.3577, 0.4034
Android (android.graphics.Color)	4294111914 (0xFFFF2F2AA)
YUV	233.7920, -31.4495, 7.1984
Hunter-Lab	92.3426, -15.4349, 32.2175

Details

The CIELCh color **94, 36.493, 107.282** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72, 39.253, 293.872**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **74, 36.534, 107.292** is the 20% darker color. If you saturate the color by 10%, you get **94, 48.310, 106.337**, and if you desaturate by 10%, it is **94, 24.366, 108.258**.

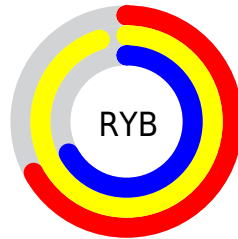
Distribution



Red (95%)

Green (95%)

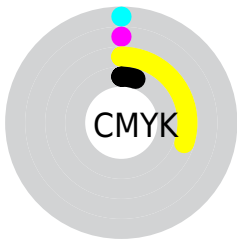
Blue (67%)



Red (67%)

Yellow (95%)

Blue (67%)

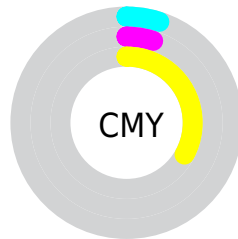


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (5%)


Magenta (5%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 36.493, 107.282 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, 36.493, 107.282 by changing the saturation by 10% instead.

 94, 36.493,
107.282


 94, 36.493,
107.282

 100, 36.493,
107.282


 84, 36.493,
107.282

 74, 36.493,
107.282

 64, 36.493,
107.282

 54, 36.493,
107.282

 44, 36.493,
107.282

 34, 36.493,
107.282

 24, 36.493,

107.282

■ 14, 36.493,
107.282

■ 4, 36.493, 107.282

■ 94, 36.493,
107.282

■ 94, 36.493,
107.282

■ 94, 48.310,
106.337

■ 94, 24.366,
108.258

■ 93, 59.592,
105.436

■ 95, 12.065,
109.232

■ 93, 70.004,
104.616

■ 96, 0.316, 290.440

■ 93, 79.070,
103.914

■ 96, 6.679, 290.707

■ 96, 6.679, 290.713

■ 93, 86.201,
103.373

■ 96, 6.679, 290.719

■ 93, 90.864,
103.025

■ 96, 6.679, 290.725

■ 93, 93.099,
102.860

■ 96, 6.679, 290.731

■ 93, 93.143,
102.857

■ 96, 6.679, 290.737

Harmonies

Complementary

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



94, 36.493, 107.282



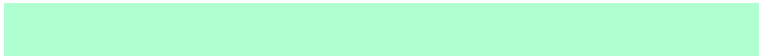
72, 39.253, 293.872

Rectangle

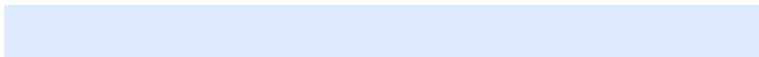
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 36.493, 107.282



94, 36.493, 157.282



94, 36.493, 287.282



94, 36.493, 337.282

Sweetspot

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



94, 36.495, 107.286



99, 11.616, 109.303



76, 28.519, 21.907



53, 8.070, 109.161



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

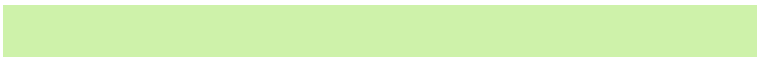
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 36.495, 107.286



98, 45.823, 106.679



91, 39.187, 127.674



50, 6.974, 109.260



72, 75.720, 102.857



23, 31.945, 103.311

Inverse Universe

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



72, 39.253, 293.872



70, 50.237, 294.917



75, 40.865, 310.527



46, 7.131, 291.170



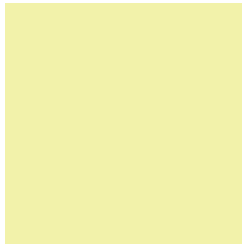
22, 104.555, 306.287



3, 37.809, 298.752

Previews

White Background



This preview shows how the CIELCh color 94, 36.493, 107.282 looks on a white background.

Color Contrast Check

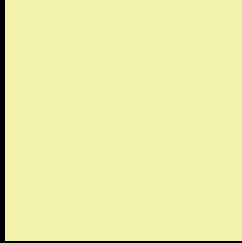
Large Text (above 18pt) WCAG AA × Fail

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, 36.493, 107.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

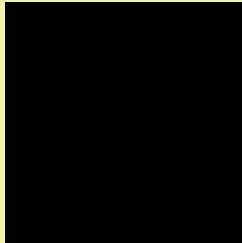
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 36.493, 107.282

Background



This preview shows how black text looks on a background with the CIELCh color 94, 36.493, 107.282.

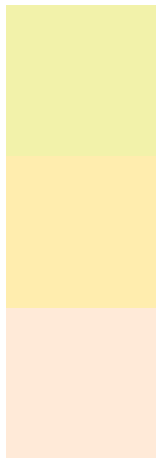


This preview shows how white text looks on a background with the CIELCh color 94, 36.493, 107.282.

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, 36.493, 107.282

Protanopia

94, 32.916, 95.201

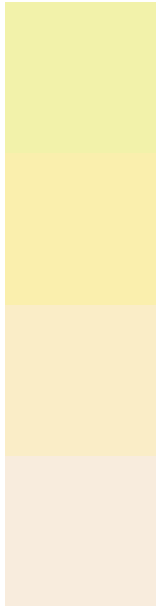
Deuteranopia

94, 12.090, 69.305



Tritanopia
94, 11.681, 327.705

Trichromacy



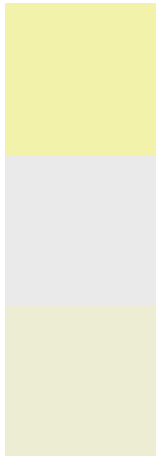
Original Color
94, 36.493, 107.282

Protanomaly
94, 33.858, 100.184

Deuteranomaly
94, 20.071, 94.412

Tritanomaly
94, 8.846, 79.759

Monochromacy



Original Color
94, 36.493, 107.282

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 13.340, 109.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 36.493, 107.282 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 36.493, 107.282 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, 170) }
```

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

```
.border{ border-color:rgb(242, 242, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 170);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 36.493, 107.282 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, 170) }
```

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

```
.background{ background-color: rgb(242,  
242, 170) }
```

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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