

Converting Colors

CIELCh(94, 22.083, 111.237)

Have a look what the booklet for
CIELCh(94, 22.083, 111.237)
contains.

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Color

CIELCh(94, 21.990, 111.381)

Conversions

Conversions Part 1

Format	Color
Hex	EEF1C6
RGB	238, 241, 198
RGB Percent	93%, 95%, 78%
CMY	0.0661, 0.0544, 0.2230
CMYK	0.01, 0.00, 0.18, 0.05
HSL	64°, 61%, 86%
HSV	64°, 18%, 95%
XYZ	77.0060, 85.2715, 65.9032
YIQ	235.2010, 12.0150, -14.0090

Conversions

Conversions Part 2

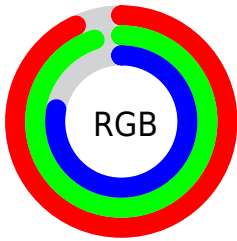
Format	Color
R_{YB}	198, 241, 201
Decimal	15659462
CIE _{Lab}	94.00, -8.02, 20.48
CIE _{LCh}	94, 21.990, 111.381
Y _{xy}	85.2715, 0.3375, 0.3737
Android (android.graphics.Color)	4293849542 (0xFFEEF1C6)
Y _{UV}	235.2010, -18.3401, 2.4547
Hunter-Lab	92.3426, -12.7454, 22.3257

Details

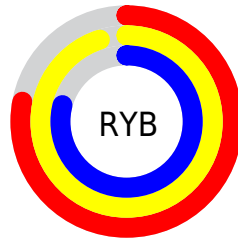
The CIELCh color **94, 21.990, 111.381** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 22.913, 294.679**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 22.000, 111.181** is the 20% darker color. If you saturate the color by 10%, you get **93, 34.148, 110.517**, and if you desaturate by 10%, it is **95, 9.684, 112.252**.

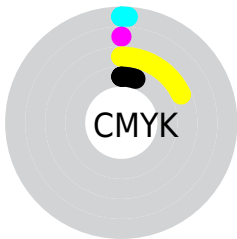
Distribution



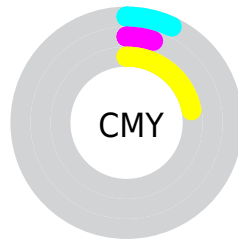
- Red (93%)
- Green (95%)
- Blue (78%)



- Red (78%)
- Yellow (95%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 21.990, 111.381 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, 21.990, 111.381 by changing the saturation by 10% instead.


 94, 21.990,
111.381


 94, 21.990,
111.381

 100, 21.990,
111.381


 84, 21.990,
111.381

 74, 21.990,
111.381

 64, 21.990,
111.381

 54, 21.990,
111.381

 44, 21.990,
111.381

 34, 21.990,
111.381

 24, 21.990,

111.381

■ 14, 21.990,
111.381

■ 4, 21.990, 111.381

■ 94, 21.990,
111.381

■ 94, 21.990,
111.381

■ 93, 34.148,
110.517

■ 95, 9.684, 112.252

■ 93, 46.022,
109.667

■ 95, 2.692, 293.126

■ 92, 57.414,
108.864

■ 96, 7.166, 296.395

■ 92, 68.020,
108.146

■ 96, 7.253, 300.976

■ 96, 7.386, 305.434

■ 96, 7.561, 309.724

■ 92, 77.396,
107.561

■ 96, 7.777, 313.811

■ 92, 84.977,
107.171

■ 96, 8.030, 317.672

■ 91, 90.194,
107.033

■ 96, 8.317, 321.294

■ 91, 92.842,
107.172

■ 91, 93.243,
107.220

Harmonies

Complementary

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



94, 21.990, 111.381



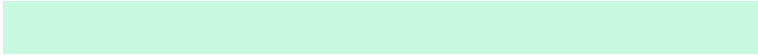
81, 22.913, 294.679

Rectangle

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



94, 21.990, 111.381



94, 21.990, 161.381



94, 21.990, 291.381



94, 21.990, 341.381

Sweetspot

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



94, 21.992, 111.386



100, 6.465, 112.492



84, 15.287, 26.133



53, 4.411, 112.433



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, 21.992, 111.386



99, 27.058, 111.105



92, 23.871, 130.579



50, 6.987, 112.111



71, 75.995, 107.147



22, 31.992, 107.172

Inverse Universe

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



81, 22.913, 294.679



83, 28.417, 295.052



83, 24.373, 312.144



46, 7.144, 293.798



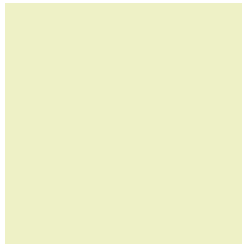
22, 104.195, 306.498



3, 37.984, 300.382

Previews

White Background



This preview shows how the CIE LCh color 94, 21.990, 111.381 looks on a white background.

Color Contrast Check

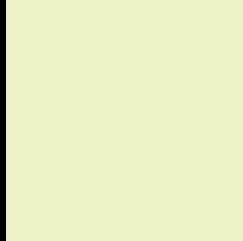
Large Text (above 18pt) WCAG AA × Fail

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, 21.990, 111.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

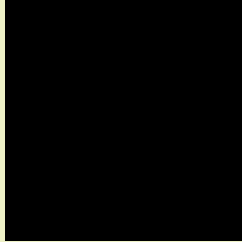
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

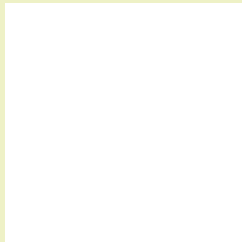
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 21.990, 111.381

Background



This preview shows how black text looks on a background with the CIELCh color 94, 21.990, 111.381.

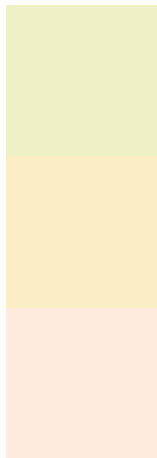


This preview shows how white text looks on a background with the CIELCh color 94, 21.990, 111.381.

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, 21.990, 111.381

Protanopia

94, 21.656, 94.247

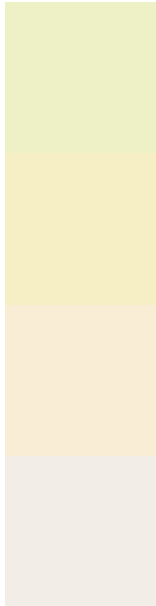
Deuteranopia

94, 9.870, 58.224



Tritanopia
94, 10.223, 314.947

Trichromacy



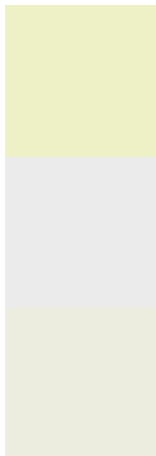
Original Color
94, 21.990, 111.381

Protanomaly
94, 21.626, 101.426

Deuteranomaly
94, 13.073, 89.279

Tritanomaly
94, 3.328, 69.680

Monochromacy



Original Color
94, 21.990, 111.381

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 7.712, 112.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 21.990, 111.381 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(238, 241, 198)` looks like.

```
.text, #text, p{  
    color:rgb(238, 241, 198)  
}
```

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(238, 241, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 241, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 21.990, 111.381 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(238, 241, 198) }
```

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

```
.border{ border-color:rgb(238, 241, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 241, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 241, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 241, 198);  
box-shadow:4px 4px 4px 4px rgb(238, 241,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 21.990, 111.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 241, 198) }
```

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

```
.background{ background-color: rgb(238,  
241, 198) }
```

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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