

Converting Colors

CIELCh(94, 26.731, 101.436)

Have a look what the booklet for
CIELCh(94, 26.731, 101.436)
contains.

CIELCh(94, 26.712, 101.455)	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, 26.712, 101.455)

Conversions

Conversions Part 1

Format	Color
Hex	F7EFBB
RGB	247, 239, 187
RGB Percent	97%, 94%, 73%
CMY	0.0305, 0.0619, 0.2658
CMYK	0.00, 0.03, 0.24, 0.03
HSL	52°, 79%, 85%
HSV	52°, 24%, 97%
XYZ	78.3579, 85.2715, 59.4602
YIQ	235.4640, 21.4600, -14.4760

Conversions

Conversions Part 2

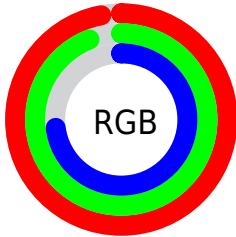
Format	Color
R_{YB}	196, 247, 187
Decimal	16248763
CIE _{Lab}	94.00, -5.30, 26.18
CIE _{LCh}	94, 26.712, 101.455
Yxy	85.2715, 0.3512, 0.3822
Android (android.graphics.Color)	4294438843 (0xFFFF7EFBB)
YUV	235.4640, -23.8928, 10.1171
Hunter-Lab	92.3426, -10.1322, 26.4625

Details

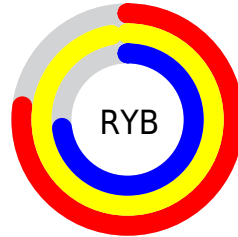
The CIELCh color **94, 26.712, 101.455** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 27.794, 287.285**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **74, 26.910, 101.438** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.641, 100.328**, and if you desaturate by 10%, it is **95, 15.702, 102.575**.

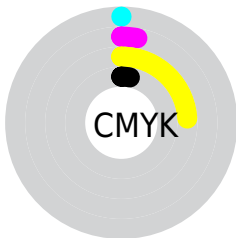
Distribution



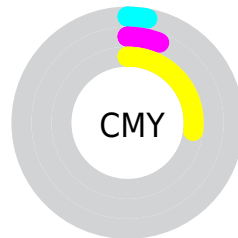
- Red (97%)
- Green (94%)
- Blue (73%)



- Red (77%)
- Yellow (97%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (3%)




- Cyan (3%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 26.712, 101.455 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, 26.712, 101.455 by changing the saturation by 10% instead.


 94, 26.712,
101.455


 94, 26.712,
101.455


 100, 26.712,
101.455


 84, 26.712,
101.455

 74, 26.712,
101.455

 64, 26.712,
101.455

 54, 26.712,
101.455

 44, 26.712,
101.455

 34, 26.712,
101.455

 24, 26.712,

101.455

■ 14, 26.712,
101.455

■ 4, 26.712, 101.455

■ 94, 26.712,
101.455

■ 94, 26.712,
101.455

■ 93, 37.641,
100.328

■ 95, 15.702,
102.575

■ 92, 48.350, 99.191

■ 97, 4.686, 103.647

■ 90, 58.616, 98.063

■ 98, 3.075, 278.159

■ 89, 68.072, 96.959

■ 99, 2.217, 236.286

■ 88, 76.166, 95.888

■ 99, 2.694, 199.480

■ 87, 82.181, 94.850

■ 87, 85.473, 93.826

■ 86, 86.307, 93.234

Harmonies

Complementary

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



94, 26.712, 101.455



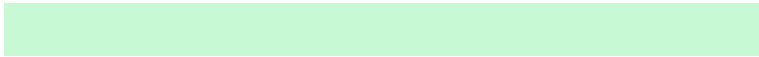
80, 27.794, 287.285

Rectangle

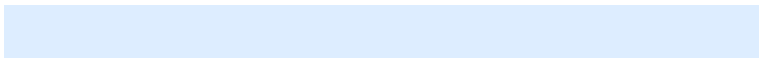
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 26.712, 101.455



94, 26.712, 151.455



94, 26.712, 281.455



94, 26.712, 331.455

Sweetspot

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



94, 26.714, 101.460



99, 7.882, 103.363



82, 23.171, 10.923



53, 5.123, 103.298



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

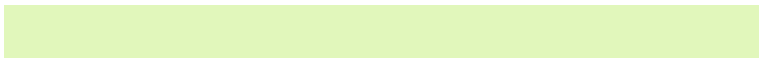
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 26.714, 101.460



96, 32.706, 100.921



94, 31.617, 122.996



51, 6.196, 103.098



67, 69.845, 93.420



21, 29.698, 95.072

Inverse Universe

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



80, 27.794, 287.285



79, 34.342, 288.059



80, 33.028, 305.705



47, 6.295, 285.234



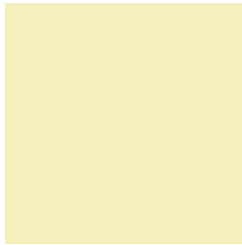
24, 98.378, 304.291



4, 36.216, 297.413

Previews

White Background



This preview shows how the CIE LCh color 94, 26.712, 101.455 looks on a white background.

Color Contrast Check

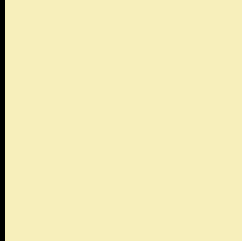
Large Text (above 18pt) WCAG AA × Fail

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, 26.712, 101.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

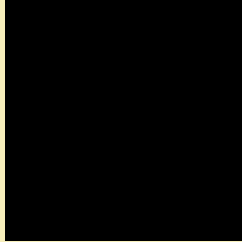
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 26.712, 101.455

Background



This preview shows how black text looks on a background with the CIELCh color 94, 26.712, 101.455.

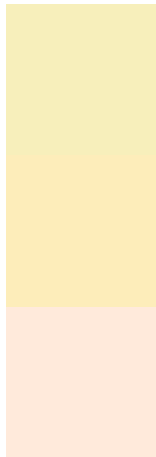


This preview shows how white text looks on a background with the CIELCh color 94, 26.712, 101.455.

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, 26.712, 101.455

Protanopia

94, 26.803, 94.753

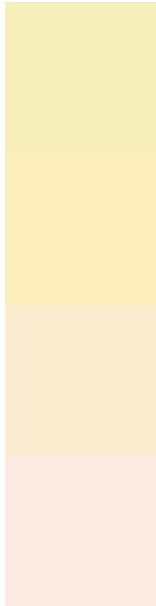
Deuteranopia

94, 10.927, 64.340



Tritanopia
94, 12.592, 332.927

Trichromacy



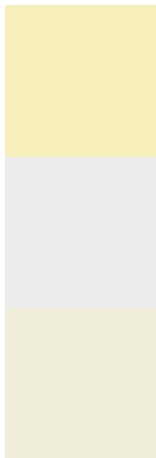
Original Color
94, 26.712, 101.455

Protanomaly
94, 27.029, 97.362

Deuteranomaly
94, 16.035, 86.999

Tritanomaly
94, 7.458, 48.444

Monochromacy



Original Color
94, 26.712, 101.455

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 9.802, 102.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 26.712, 101.455 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(247, 239, 187)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 187)  
}
```

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(247, 239, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 26.712, 101.455 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(247, 239, 187) }
```

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

```
.border{ border-color:rgb(247, 239, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 239, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 187);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 26.712, 101.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 187) }
```

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

```
.background{ background-color: rgb(247,  
239, 187) }
```

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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