

Converting Colors

CIELCh(94, 24.590, 99.718)

Have a look what the booklet for
CIELCh(94, 24.590, 99.718) contains.

CIELCh(94, 24.750, 100.232)	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, 24.750, 100.232)

Conversions

Conversions Part 1

Format	Color
Hex	F8EFBF
RGB	248, 239, 191
RGB Percent	97%, 94%, 75%
CMY	0.0283, 0.0636, 0.2518
CMYK	0.00, 0.04, 0.23, 0.03
HSL	51°, 80%, 86%
HSV	51°, 23%, 97%
XYZ	78.8143, 85.2715, 61.4722
YIQ	236.2190, 20.7720, -13.0200

Conversions

Conversions Part 2

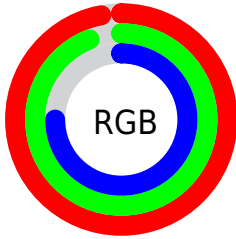
Format	Color
R_{YB}	202, 248, 191
Decimal	16314303
CIE _{Lab}	94.00, -4.40, 24.36
CIE _{LCh}	94, 24.750, 100.232
Yxy	85.2715, 0.3494, 0.3780
Android (android.graphics.Color)	4294504383 (0xFF8EFBF)
YUV	236.2190, -22.2930, 10.3319
Hunter-Lab	92.3426, -9.2499, 25.1706

Details

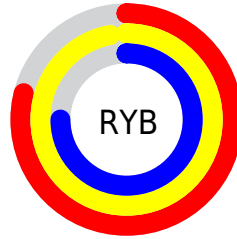
The CIELCh color **94, 24.750, 100.232** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 25.592, 285.835**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **74, 24.861, 100.228** is the 20% darker color. If you saturate the color by 10%, you get **93, 35.493, 99.075**, and if you desaturate by 10%, it is **95, 13.967, 101.376**.

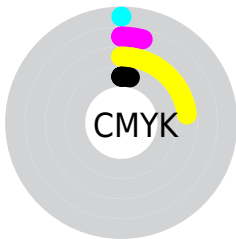
Distribution



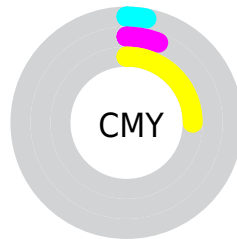
- Red (97%)
- Green (94%)
- Blue (75%)



- Red (79%)
- Yellow (97%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 24.750, 100.232 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, 24.750, 100.232 by changing the saturation by 10% instead.


 94, 24.750,
100.232


 94, 24.750,
100.232

 100, 24.750,
100.232


 84, 24.750,
100.232

 74, 24.750,
100.232

 64, 24.750,
100.232

 54, 24.750,
100.232

 44, 24.750,
100.232

 34, 24.750,
100.232

 24, 24.750,

100.232

■ 14, 24.750,
100.232

■ 4, 24.750, 100.232

■ 94, 24.750,
100.232

■ 94, 24.750,
100.232

■ 93, 35.493, 99.075

■ 95, 13.967,
101.376

■ 91, 46.072, 97.900

■ 97, 3.206, 102.451

■ 90, 56.287, 96.724

■ 98, 2.471, 267.808

■ 89, 65.803, 95.555

■ 99, 2.318, 206.840

■ 88, 74.096, 94.400

■ 99, 2.503, 199.511

■ 86, 80.452, 93.248

■ 85, 84.150, 92.069

■ 85, 85.250, 91.209

Harmonies

Complementary

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



94, 24.750, 100.232



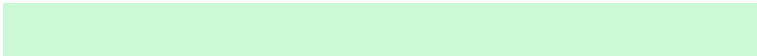
81, 25.592, 285.835

Rectangle

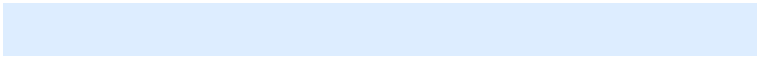
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 24.750, 100.232



94, 24.750, 150.232



94, 24.750, 280.232



94, 24.750, 330.232

Sweetspot

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



94, 24.752, 100.238



99, 7.682, 102.037



83, 22.037, 8.195



53, 4.993, 101.971



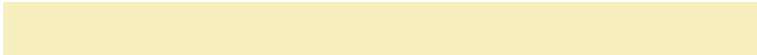
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

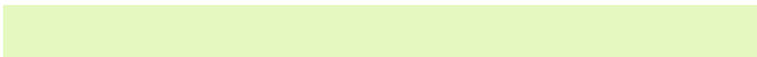
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 24.752, 100.238



96, 30.844, 99.654



95, 29.834, 121.773



51, 6.143, 101.765



66, 69.577, 91.428



22, 30.287, 93.197

Inverse Universe

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



81, 25.592, 285.835



80, 32.165, 286.652



81, 31.155, 304.468



48, 6.232, 283.951



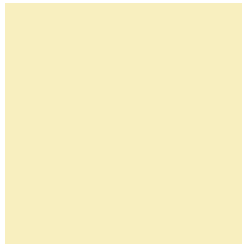
25, 97.424, 303.715



5, 37.349, 297.889

Previews

White Background



This preview shows how the CIELCh color 94, 24.750, 100.232 looks on a white background.

Color Contrast Check

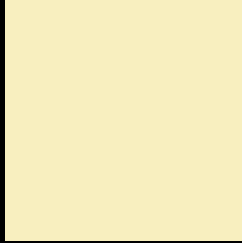
Large Text (above 18pt) WCAG AA × Fail

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, 24.750, 100.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

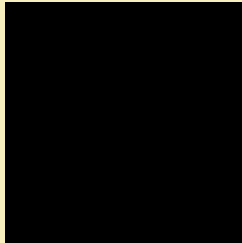
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 24.750, 100.232

Background



This preview shows how black text looks on a background with the CIELCh color 94, 24.750, 100.232.





This preview shows how white text looks on a background with the CIELCh color 94, 24.750, 100.232.

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](#).

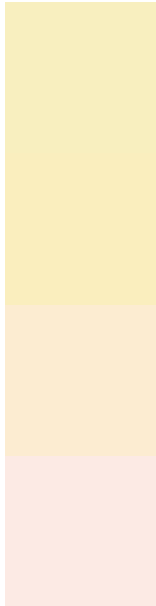
Dichromacy

	Original Color 94, 24.750, 100.232
	Protanopia 94, 24.727, 94.777
	Deuteranopia 94, 10.561, 62.441



Tritanopia
94, 12.592, 332.927

Trichromacy



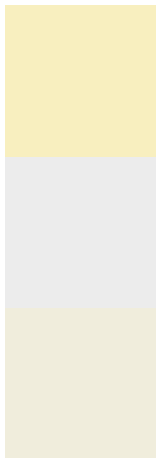
Original Color
94, 24.750, 100.232

Protanomaly
94, 24.958, 97.592

Deuteranomaly
94, 15.082, 85.684

Tritanomaly
94, 7.216, 44.924

Monochromacy



Original Color
94, 24.750, 100.232

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 8.783, 102.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 24.750, 100.232 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(248, 239, 191)` looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 191)  
}
```

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(248, 239, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 24.750, 100.232 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(248, 239, 191) }
```

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

```
.border{ border-color:rgb(248, 239, 191) }
```

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

Here you see how a box with a 4 pixel rgb(248, 239, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 191);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 24.750, 100.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 191) }
```

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

```
.background{ background-color: rgb(248,  
239, 191) }
```

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