

Converting Colors

CIELCh(94, 22.793, 117.418)

Have a look what the booklet for
CIELCh(94, 22.793, 117.418)
contains.

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Color

CIElCh(94, 23.276, 117.624)

Conversions

Conversions Part 1

Format	Color
Hex	E9F3C6
RGB	233, 243, 198
RGB Percent	91%, 95%, 78%
CMY	0.0874, 0.0482, 0.2246
CMYK	0.04, 0.00, 0.19, 0.05
HSL	73°, 65%, 86%
HSV	73°, 19%, 95%
XYZ	75.6386, 85.2715, 65.7325
YIQ	234.8800, 8.4850, -16.1150

Conversions

Conversions Part 2

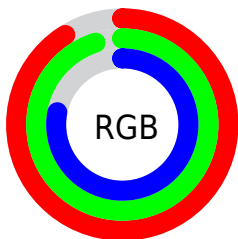
Format	Color
R _Y B	198, 243, 208
Decimal	15332294
CIE Lab	94.00, -10.79, 20.62
CIE LCh	94, 23.276, 117.624
Yxy	85.2715, 0.3337, 0.3762
Android (android.graphics.Color)	4293522374 (0xFFE9F3C6)
YUV	234.8800, -18.1818, -1.6488
Hunter-Lab	92.3426, -15.3886, 22.4352

Details

The CIELCh color **94, 23.276, 117.624** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 24.207, 300.219**, 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, 23.358, 117.770** is the 20% darker color. If you saturate the color by 10%, you get **93, 35.671, 116.957**, and if you desaturate by 10%, it is **95, 10.740, 118.297**.

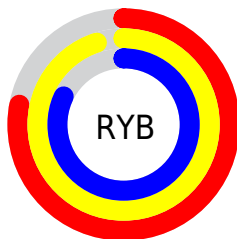
Distribution



Red (91%)

Green (95%)

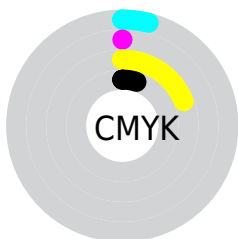
Blue (78%)



Red (78%)

Yellow (95%)

Blue (82%)

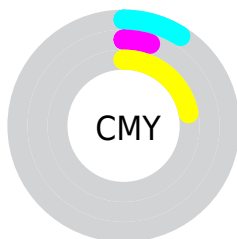


Cyan (4%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (9%)


Magenta (5%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 23.276, 117.624 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, 23.276, 117.624 by changing the saturation by 10% instead.


 94, 23.276,
117.624


 94, 23.276,
117.624

 100, 23.276,
117.624


 84, 23.276,
117.624

 74, 23.276,
117.624

 64, 23.276,
117.624

 54, 23.276,
117.624

 44, 23.276,
117.624

 34, 23.276,
117.624

 24, 23.276,

117.624

■ 14, 23.276,
117.624

■ 4, 23.276, 117.624

■ 94, 23.276,
117.624

■ 94, 23.276,
117.624

■ 93, 35.671,
116.957

■ 95, 10.740,
118.297

■ 92, 47.783,
116.307

■ 96, 1.854, 298.934

■ 92, 59.411,
115.714

■ 97, 6.680, 309.393

■ 91, 70.248,
115.229

■ 97, 7.515, 323.127

■ 97, 7.650, 324.667

■ 91, 79.852,
114.924

■ 90, 87.660,
114.894

■ 90, 93.117,
115.238

■ 89, 96.087,
115.996

■ 89, 96.428,
116.120

Harmonies

Complementary

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



94, 23.276, 117.624



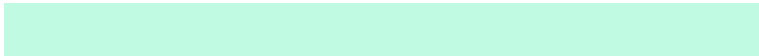
82, 24.207, 300.219

Rectangle

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



94, 23.276, 117.624



94, 23.276, 167.624



94, 23.276, 297.624



94, 23.276, 347.624

Sweetspot

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



94, 23.278, 117.628



99, 7.855, 118.464



86, 14.350, 40.963



53, 5.210, 118.421



0, 0.000, 0.000



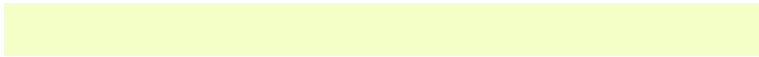
53, 0.007, 296.813

Same Dimension

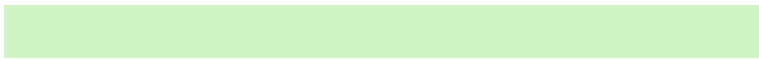
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 23.278, 117.628



98, 28.717, 117.391



92, 26.015, 135.412



51, 7.199, 118.234



70, 78.943, 115.923



23, 33.914, 115.039

Inverse Universe

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



82, 24.207, 300.219



83, 30.102, 300.521



84, 26.361, 317.047



47, 7.348, 299.505



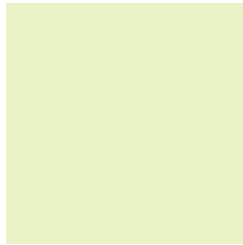
24, 103.748, 307.454



4, 40.579, 304.744

Previews

White Background



This preview shows how the CIELCh color 94, 23.276, 117.624 looks on a white background.

Color Contrast Check

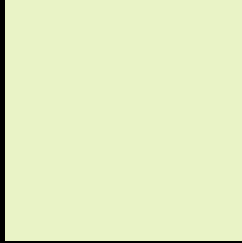
Large Text (above 18pt) WCAG AA × Fail

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, 23.276, 117.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

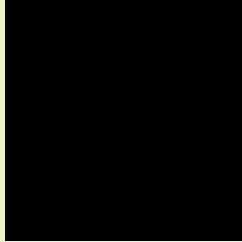
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

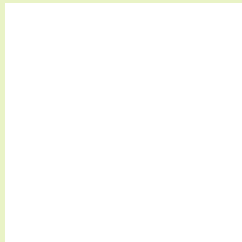
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 23.276, 117.624

Background



This preview shows how black text looks on a background with the CIELCh color 94, 23.276, 117.624.

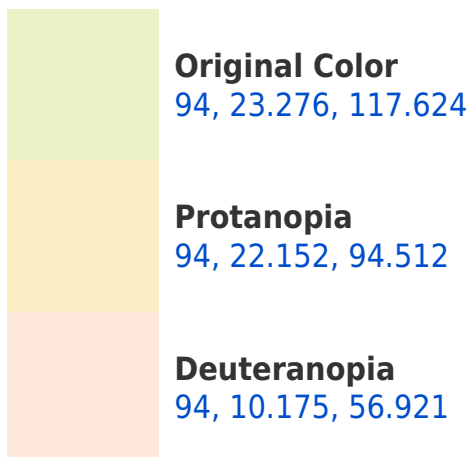


This preview shows how white text looks on a background with the CIELCh color 94, 23.276, 117.624.

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](#).

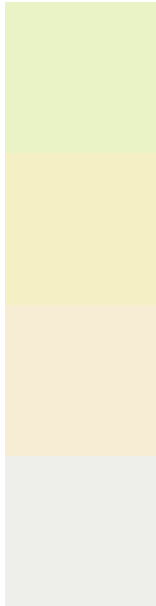
Dichromacy





Tritanopia
94, 10.044, 302.818

Trichromacy



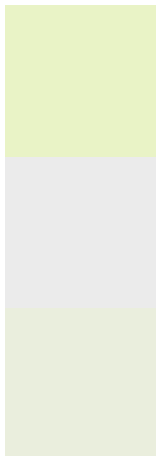
Original Color
94, 23.276, 117.624

Protanomaly
94, 22.055, 103.502

Deuteranomaly
94, 12.838, 92.417

Tritanomaly
94, 2.045, 109.981

Monochromacy



Original Color
94, 23.276, 117.624

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 8.857, 118.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 23.276, 117.624 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(233, 243, 198)` looks like.

```
.text, #text, p{  
    color:rgb(233, 243, 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(233, 243, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 243, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 23.276, 117.624 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(233, 243, 198) }
```

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

```
.border{ border-color:rgb(233, 243, 198) }
```

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

Here you see how a box with a 4 pixel rgb(233, 243, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 243, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 243, 198);  
box-shadow:4px 4px 4px 4px rgb(233, 243,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 23.276, 117.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 243, 198) }
```

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

```
.background{ background-color: rgb(233,  
243, 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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