

Converting Colors

CIELCh(94, 5.953, 133.736)

Have a look what the booklet for
CIELCh(94, 5.953, 133.736) contains.

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Color

CIELCh(94, 6.195, 133.525)

Conversions

Conversions Part 1

Format	Color
Hex	E9F0E5
RGB	233, 240, 229
RGB Percent	91%, 94%, 90%
CMY	0.0864, 0.0589, 0.1021
CMYK	0.03, 0.00, 0.05, 0.06
HSL	98°, 27%, 92%
HSV	98°, 5%, 94%
XYZ	78.8798, 85.2715, 86.4042
YIQ	236.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

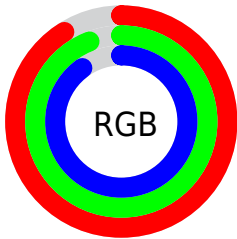
Format	Color
R _Y B	229, 240, 236
Decimal	15331557
CIE Lab	94.00, -4.27, 4.49
CIE LCh	94, 6.195, 133.525
Yxy	85.2715, 0.3148, 0.3403
Android (android.graphics.Color)	4293521637 (0xFFE9F0E5)
YUV	236.6530, -3.7729, -3.2037
Hunter-Lab	92.3426, -9.1233, 9.1626

Details

The CIELCh color **94, 6.195, 133.525** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 6.243, 313.849**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 6.027, 135.536** is the 20% darker color. If you saturate the color by 10%, you get **92, 19.802, 133.063**, and if you desaturate by 10%, it is **96, 7.303, 313.876**.

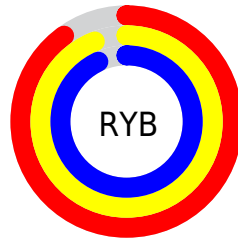
Distribution



Red (91%)

Green (94%)

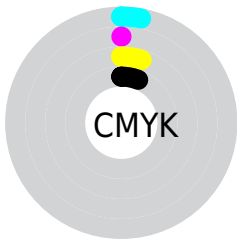
Blue (90%)



Red (90%)

Yellow (94%)

Blue (93%)

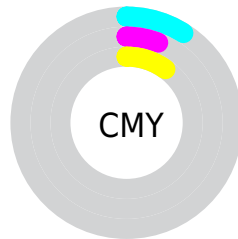


Cyan (3%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (9%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.195, 133.525 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, 6.195, 133.525 by changing the saturation by 10% instead.

94, 6.195, 133.525

94, 6.195, 133.525

100, 6.195,
133.525

84, 6.195, 133.525

74, 6.195, 133.525

64, 6.195, 133.525

54, 6.195, 133.525

44, 6.195, 133.525

34, 6.195, 133.525

24, 6.195, 133.525

14, 6.195, 133.525

4, 6.195, 133.525

94, 6.195, 133.525

94, 6.195, 133.525

92, 19.802,
133.063

96, 7.303, 313.876

91, 33.408,
132.574

96, 9.370, 324.734

90, 46.875,
132.059


88, 60.000,
131.545

87, 72.499,
131.075

86, 83.972,
130.727

86, 93.892,
130.611

85, 101.665,
130.859

 84, 106.860,
131.572

Harmonies

Complementary

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



94, 6.195, 133.525



92, 6.243, 313.849

Rectangle

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



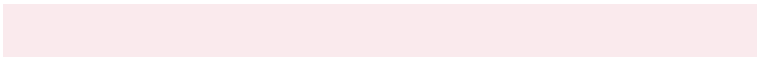
94, 6.195, 133.525



94, 6.195, 183.525



94, 6.195, 313.525



94, 6.195, 3.525

Sweetspot

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



94, 6.197, 133.530



100, 1.409, 133.787



94, 3.844, 87.714



53, 0.801, 133.796



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

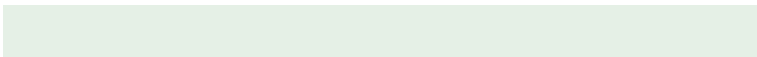
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 6.197, 133.530



99, 8.528, 133.462



94, 6.302, 148.083



50, 5.378, 133.433



66, 88.756, 131.841



20, 36.555, 131.136

Inverse Universe

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



92, 6.243, 313.849



96, 8.594, 313.916



92, 6.324, 328.525



48, 5.422, 313.944



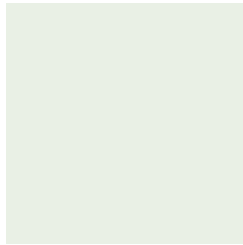
32, 94.721, 315.444



6, 40.036, 316.456

Previews

White Background



This preview shows how the CIE LCh color 94, 6.195, 133.525 looks on a white background.

Color Contrast Check

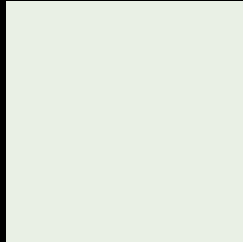
Large Text (above 18pt) WCAG AA × Fail

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, 6.195, 133.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

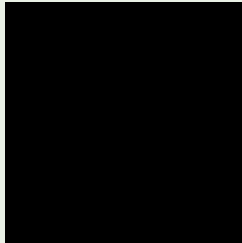
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

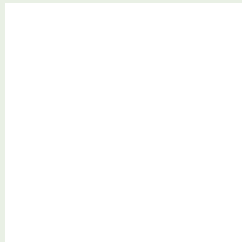
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 6.195, 133.525

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.195, 133.525.

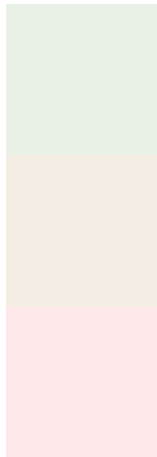


This preview shows how white text looks on a background with the CIELCh color 94, 6.195, 133.525.

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, 6.195, 133.525

Protanopia

94, 5.701, 83.388

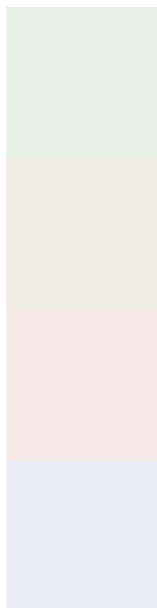
Deuteranopia

94, 8.324, 16.382



Tritanopia
94, 9.806, 292.949

Trichromacy



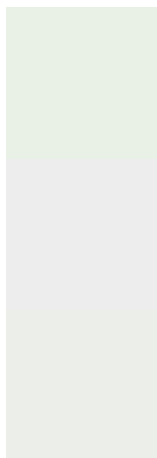
Original Color
94, 6.195, 133.525

Protanomaly
94, 5.169, 101.754

Deuteranomaly
94, 4.570, 39.216

Tritanomaly
94, 4.650, 286.265

Monochromacy



Original Color
94, 6.195, 133.525

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.173, 129.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.195, 133.525 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, 240, 229)` looks like.

```
.text, #text, p{  
    color:rgb(233, 240, 229)  
}
```

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, 240, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 240, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.195, 133.525 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, 240, 229) }
```

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

```
.border{ border-color:rgb(233, 240, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 240, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 240, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 240, 229);  
box-shadow:4px 4px 4px 4px rgb(233, 240,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.195, 133.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 240, 229) }
```

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

```
.background{ background-color: rgb(233,  
240, 229) }
```

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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