

Converting Colors

CIELCh(94, 7.899, 133.679)

Have a look what the booklet for
CIELCh(94, 7.899, 133.679) contains.

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Color

CIELCh(94, 7.899, 133.679)

Conversions

Conversions Part 1

Format	Color
Hex	E8F1E3
RGB	232, 241, 227
RGB Percent	91%, 95%, 89%
CMY	0.0918, 0.0565, 0.1114
CMYK	0.04, 0.00, 0.06, 0.06
HSL	99°, 33%, 92%
HSV	99°, 6%, 94%
XYZ	78.2826, 85.2715, 84.7064
YIQ	236.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

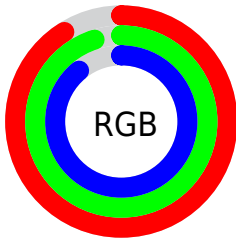
Format	Color
R _Y B	227, 241, 236
Decimal	15266275
CIE Lab	94.00, -5.46, 5.71
CIE LCh	94, 7.899, 133.679
Yxy	85.2715, 0.3153, 0.3435
Android (android.graphics.Color)	4293456355 (0xFFE8F1E3)
YUV	236.7130, -4.7885, -4.1333
Hunter-Lab	92.3426, -10.2777, 10.2528

Details

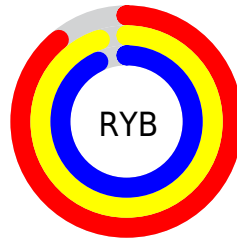
The CIELCh color **94, 7.899, 133.679** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 7.961, 314.119**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 7.819, 135.218** is the 20% darker color. If you saturate the color by 10%, you get **92, 21.566, 133.216**, and if you desaturate by 10%, it is **96, 5.667, 314.033**.

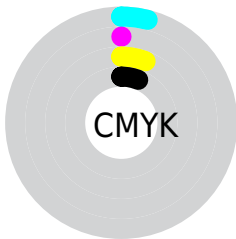
Distribution



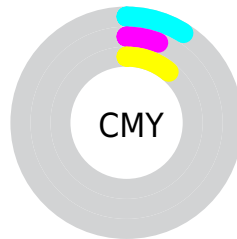
- Red (91%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.899, 133.679 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, 7.899, 133.679 by changing the saturation by 10% instead.

 94, 7.899, 133.679

 94, 7.899, 133.679

 100, 7.899,
133.679

 84, 7.899, 133.679

 74, 7.899, 133.679

 64, 7.899, 133.679

 54, 7.899, 133.679

 44, 7.899, 133.679

 34, 7.899, 133.679

 24, 7.899, 133.679

 14, 7.899, 133.679

 4, 7.899, 133.679

94, 7.899, 133.679

94, 7.899, 133.679

92, 21.566,
133.216

96, 5.667, 314.033

91, 35.219,
132.720

96, 8.984, 324.720

90, 48.711,
132.201

88, 61.829,
131.685

87, 74.274,
131.219

86, 85.628,
130.885

86, 95.348,
130.796

85, 102.841,
131.087

■ 84, 107.718,
131.845

Harmonies

Complementary

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



94, 7.899, 133.679



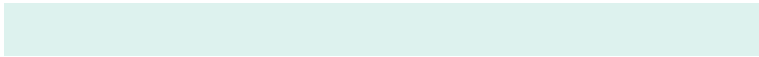
91, 7.961, 314.119

Rectangle

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



94, 7.899, 133.679



94, 7.899, 183.679



94, 7.899, 313.679



94, 7.899, 3.679

Sweetspot

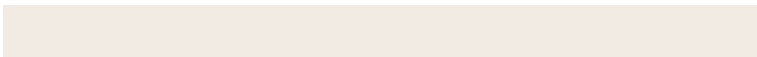
The Sweet Spot groups the original color and five complimentary colors.



94, 7.901, 133.683



100, 2.835, 133.889



93, 4.899, 87.575



53, 1.611, 133.897



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

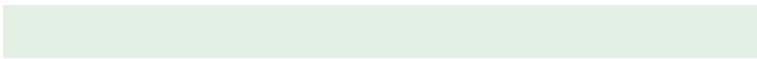
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.901, 133.683



99, 9.972, 133.627



94, 8.024, 147.993



50, 6.161, 133.601



66, 88.907, 131.987



20, 36.620, 131.304

Inverse Universe

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



91, 7.961, 314.119



95, 10.054, 314.174



91, 8.047, 328.609



47, 6.213, 314.199



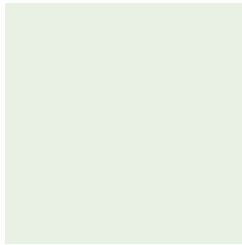
32, 94.597, 315.633



6, 40.047, 316.664

Previews

White Background



This preview shows how the CIE LCh color 94, 7.899, 133.679 looks on a white background.

Color Contrast Check

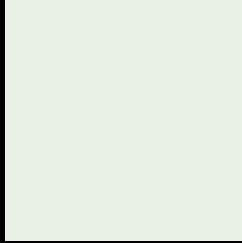
Large Text (above 18pt) WCAG AA × Fail

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, 7.899, 133.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

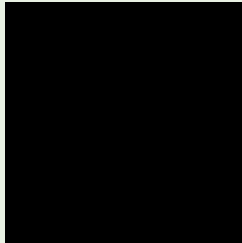
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

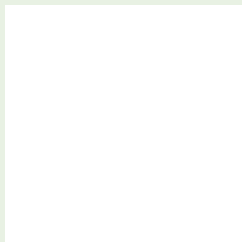
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.899, 133.679

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.899, 133.679.

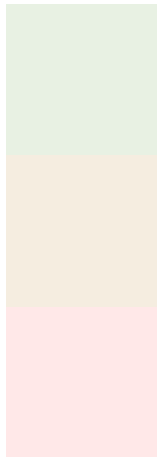


This preview shows how white text looks on a background with the CIELCh color 94, 7.899, 133.679.

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, 7.899, 133.679

Protanopia

94, 7.256, 85.996

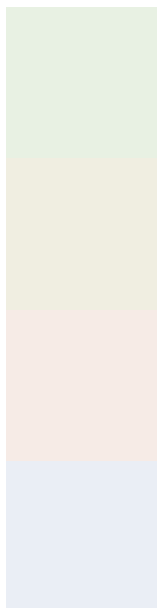
Deuteranopia

94, 8.319, 19.904



Tritanopia
94, 9.795, 290.948

Trichromacy



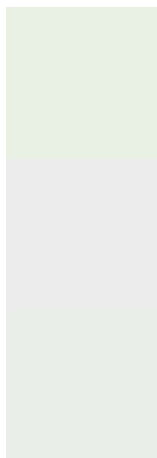
Original Color
94, 7.899, 133.679

Protanomaly
94, 6.698, 103.441

Deuteranomaly
94, 4.706, 52.522

Tritanomaly
94, 3.848, 269.280

Monochromacy



Original Color
94, 7.899, 133.679

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.944, 138.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.899, 133.679 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(232, 241, 227)` looks like.

```
.text, #text, p{  
    color:rgb(232, 241, 227)  
}
```

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(232, 241, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.899, 133.679 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(232, 241, 227) }
```

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

```
.border{ border-color:rgb(232, 241, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 241, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 241, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 241, 227); box-shadow:4px 4px 4px 4px rgb(232, 241, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.899, 133.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 241, 227) }
```

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

```
.background{ background-color: rgb(232,  
241, 227) }
```

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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