

Converting Colors

CIE LCh(94, 8.542, 142.130)

Have a look what the booklet for
CIELCh(94, 8.542, 142.130) contains.

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Color

CIELCh(94, 8.599, 142.239)

Conversions

Conversions Part 1

Format	Color
Hex	E4F1E3
RGB	228, 241, 227
RGB Percent	89%, 95%, 89%
CMY	0.1043, 0.0533, 0.1083
CMYK	0.05, 0.00, 0.06, 0.05
HSL	116°, 34%, 92%
HSV	116°, 6%, 95%
XYZ	77.6116, 85.2715, 85.3253
YIQ	235.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

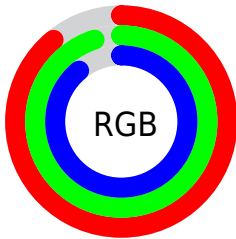
Format	Color
R_{YB}	227, 241, 240
Decimal	15004131
CIE Lab	94.00, -6.80, 5.27
CIE LCh	94, 8.599, 142.239
Yxy	85.2715, 0.3127, 0.3435
Android (android.graphics.Color)	4293194211 (0xFFE4F1E3)
YUV	235.5170, -4.1989, -6.5924
Hunter-Lab	92.3426, -11.5748, 9.8553

Details

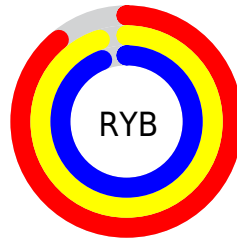
The CIELCh color **94, 8.599, 142.239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 8.628, 322.772**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.384, 142.023** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.570, 141.626**, and if you desaturate by 10%, it is **96, 6.186, 322.669**.

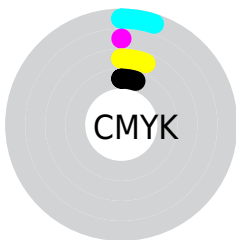
Distribution



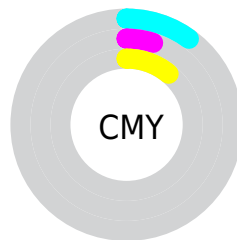
- Red (89%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (94%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.599, 142.239 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, 8.599, 142.239 by changing the saturation by 10% instead.

 94, 8.599, 142.239

 94, 8.599, 142.239

 100, 8.599,
142.239

 84, 8.599, 142.239

 74, 8.599, 142.239

 64, 8.599, 142.239

 54, 8.599, 142.239

 44, 8.599, 142.239

 34, 8.599, 142.239

 24, 8.599, 142.239

 14, 8.599, 142.239

 4, 8.599, 142.239

94, 8.599, 142.239

94, 8.599, 142.239

92, 23.570,
141.626

96, 6.186, 322.669

90, 38.551,
140.930

97, 8.474, 324.700

88, 53.312,
140.138


87, 67.540,
139.255

86, 80.829,
138.314

85, 92.666,
137.381

84, 102.437,
136.568

84, 109.522,
136.014

 84, 113.546,
135.824

Harmonies

Complementary

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



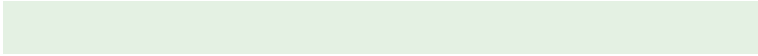
94, 8.599, 142.239



92, 8.628, 322.772

Rectangle

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



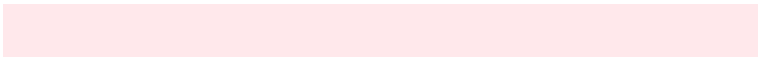
94, 8.599, 142.239



94, 8.599, 192.239



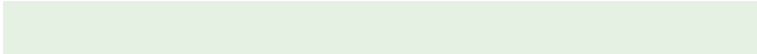
94, 8.599, 322.239



94, 8.599, 12.239

Sweetspot

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



94, 8.601, 142.240



100, 3.083, 142.504



95, 6.582, 105.985



53, 1.753, 142.514



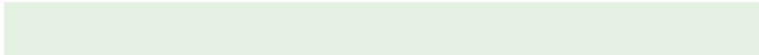
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

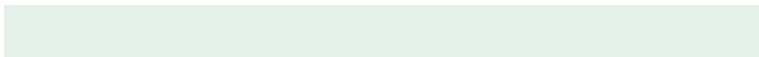
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.601, 142.240



98, 10.858, 142.167



94, 6.528, 159.040



49, 6.709, 142.134



65, 93.196, 135.712



19, 39.070, 136.680

Inverse Universe

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



92, 8.628, 322.772



96, 10.890, 322.839



92, 6.573, 339.797



48, 6.728, 322.869



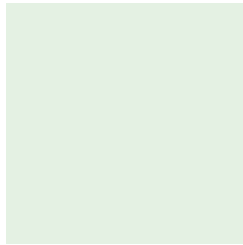
41, 90.677, 325.446



9, 39.554, 325.828

Previews

White Background



This preview shows how the CIELCh color 94, 8.599, 142.239 looks on a white background.

Color Contrast Check

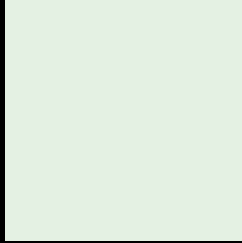
Large Text (above 18pt) WCAG AA × Fail

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, 8.599, 142.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

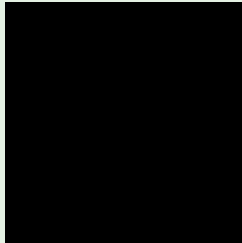
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

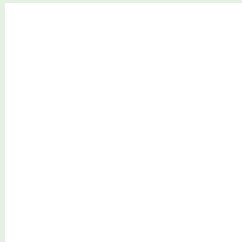
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.599, 142.239

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.599, 142.239.

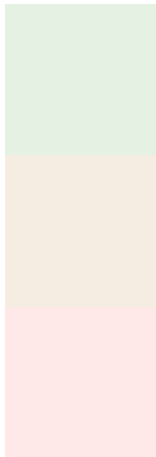


This preview shows how white text looks on a background with the CIELCh color 94, 8.599, 142.239.

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](#).

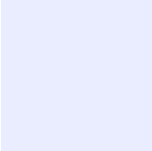
Dichromacy



Original Color
94, 8.599, 142.239

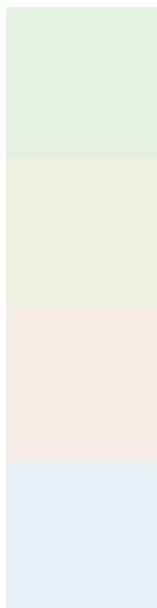
Protanopia
94, 6.787, 84.332

Deuteranopia
94, 8.319, 19.904



Tritanopia
94, 9.350, 282.513

Trichromacy



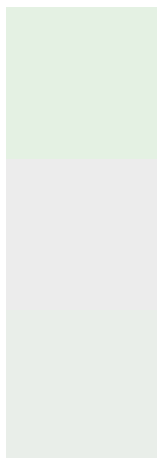
Original Color
94, 8.599, 142.239

Protanomaly
94, 6.661, 109.643

Deuteranomaly
94, 4.405, 55.081

Tritanomaly
94, 4.119, 248.089

Monochromacy



Original Color
94, 8.599, 142.239

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 3.135, 144.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.599, 142.239 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(228, 241, 227)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 241, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 241, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.599, 142.239 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(228, 241, 227) }
```

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

```
.border{ border-color:rgb(228, 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(228, 241, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 241, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 241, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 241,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.599, 142.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 241, 227) }
```

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

```
.background{ background-color: rgb(228,  
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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