

Converting Colors

CIELCh(94, 9.340, 143.068)

Have a look what the booklet for
CIELCh(94, 9.340, 143.068) contains.

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Color

CIELCh(94, 9.425, 144.116)

Conversions

Conversions Part 1

Format	Color
Hex	E3F2E3
RGB	227, 242, 227
RGB Percent	89%, 95%, 89%
CMY	0.1103, 0.0515, 0.1103
CMYK	0.06, 0.00, 0.06, 0.05
HSL	120°, 36%, 92%
HSV	120°, 6%, 95%
XYZ	77.1948, 85.2715, 84.9668
YIQ	235.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

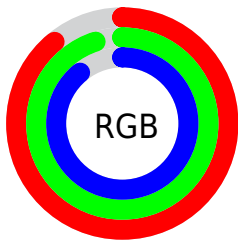
Format	Color
R_{YB}	227, 242, 242
Decimal	14938851
CIE Lab	94.00, -7.64, 5.52
CIE LCh	94, 9.425, 144.116
Yxy	85.2715, 0.3120, 0.3446
Android (android.graphics.Color)	4293128931 (0xFFE3F2E3)
YUV	235.8050, -4.3409, -7.7220
Hunter-Lab	92.3426, -12.3804, 10.0856

Details

The CIELCh color **94, 9.425, 144.116** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 9.448, 324.753**, 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, 9.251, 144.036** is the 20% darker color. If you saturate the color by 10%, you get **92, 24.779, 143.436**, and if you desaturate by 10%, it is **96, 5.735, 324.592**.

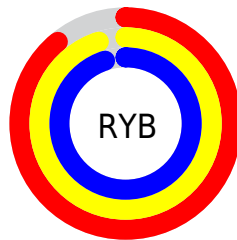
Distribution



Red (89%)

Green (95%)

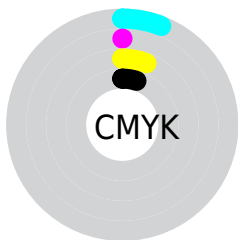
Blue (89%)



Red (89%)

Yellow (95%)

Blue (95%)

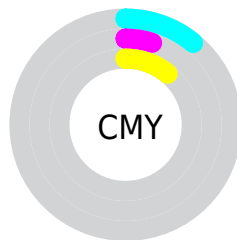


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (5%)



Cyan (11%)

Magenta (5%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.425, 144.116 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, 9.425, 144.116 by changing the saturation by 10% instead.

94, 9.425, 144.116

94, 9.425, 144.116

100, 9.425,
144.116

84, 9.425, 144.116

74, 9.425, 144.116

64, 9.425, 144.116

54, 9.425, 144.116

44, 9.425, 144.116

34, 9.425, 144.116

24, 9.425, 144.116

14, 9.425, 144.116

4, 9.425, 144.116

94, 9.425, 144.116

94, 9.425, 144.116

92, 24.779,
143.436

96, 5.735, 324.592

97, 8.181, 324.688

90, 40.123,
142.654

88, 55.189,
141.751

87, 69.622,
140.727

86, 82.971,
139.609

85, 94.693,
138.463

84, 104.165,
137.404

84, 110.795,
136.584

■ 84, 114.285,
136.124

Harmonies

Complementary

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



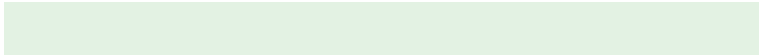
94, 9.425, 144.116



92, 9.448, 324.753

Rectangle

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



94, 9.425, 144.116



94, 9.425, 194.116



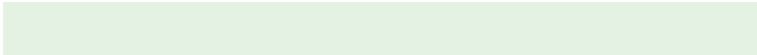
94, 9.425, 324.116



94, 9.425, 14.116

Sweetspot

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



94, 9.427, 144.116



100, 3.155, 144.429



95, 7.671, 109.570



53, 1.793, 144.440



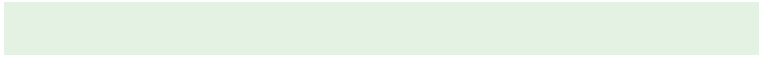
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 9.427, 144.116



98, 11.113, 144.063



94, 6.581, 163.207



49, 6.866, 144.026



65, 93.587, 136.016



19, 39.680, 137.802

Inverse Universe

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



92, 9.448, 324.753



96, 11.134, 324.802



92, 6.645, 344.095



48, 6.879, 324.835



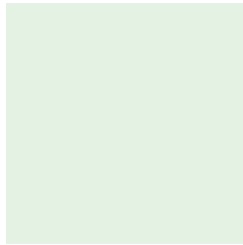
44, 90.294, 328.234



10, 39.417, 328.234

Previews

White Background



This preview shows how the CIELCh color 94, 9.425, 144.116 looks on a white background.

Color Contrast Check

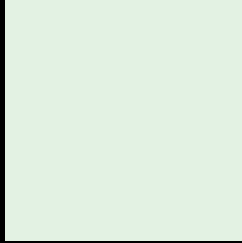
Large Text (above 18pt) WCAG AA × Fail

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, 9.425, 144.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

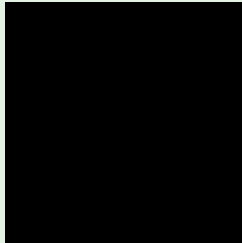
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

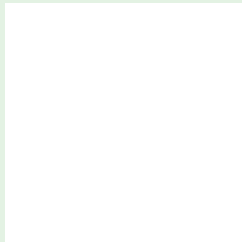
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.425, 144.116

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.425, 144.116.

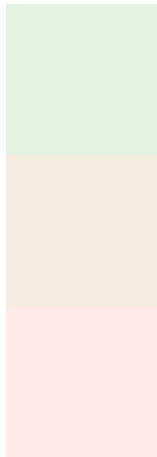


This preview shows how white text looks on a background with the CIELCh color 94, 9.425, 144.116.

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

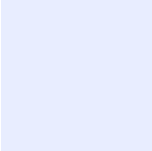
94, 9.425, 144.116

Protanopia

94, 7.256, 85.996

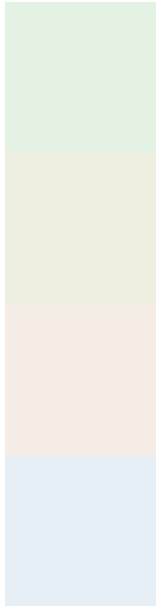
Deuteranopia

94, 8.319, 19.904



Tritanopia
94, 9.400, 280.460

Trichromacy



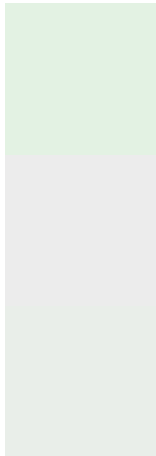
Original Color
94, 9.425, 144.116

Protanomaly
94, 7.187, 112.483

Deuteranomaly
94, 4.451, 63.154

Tritanomaly
94, 4.353, 244.677

Monochromacy



Original Color
94, 9.425, 144.116

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, 9.425, 144.116 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(227, 242, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 242, 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(227, 242, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 242, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.425, 144.116 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(227, 242, 227) }
```

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

```
.border{ border-color:rgb(227, 242, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 242, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 242, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 242, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 242,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.425, 144.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 242, 227) }
```

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

```
.background{ background-color: rgb(227,  
242, 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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