

Converting Colors

CIELCh(95, 9.530, 134.394)

Have a look what the booklet for
CIELCh(95, 9.530, 134.394) contains.

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Color

CIELCh(95, 9.587, 133.762)

Conversions

Conversions Part 1

Format	Color
Hex	E9F4E3
RGB	233, 244, 227
RGB Percent	91%, 96%, 89%
CMY	0.0860, 0.0429, 0.1096
CMYK	0.05, 0.00, 0.07, 0.04
HSL	99°, 44%, 92%
HSV	99°, 7%, 96%
XYZ	79.8638, 87.6183, 85.4170
YIQ	238.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

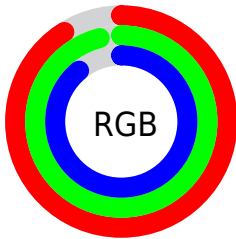
Format	Color
R_{YB}	227, 244, 238
Decimal	15332579
CIE Lab	95.00, -6.63, 6.92
CIE LCh	95, 9.587, 133.762
Yxy	87.6183, 0.3158, 0.3465
Android (android.graphics.Color)	4293522659 (0xFFE9F4E3)
YUV	238.7730, -5.8041, -5.0629
Hunter-Lab	93.6047, -11.5114, 11.4194

Details

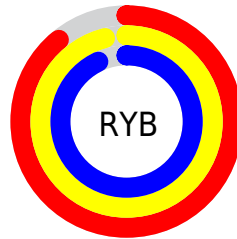
The CIELCh color **95, 9.587, 133.762** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 9.667, 314.308**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.589, 134.996** is the 20% darker color. If you saturate the color by 10%, you get **93, 23.435, 133.295**, and if you desaturate by 10%, it is **97, 4.169, 314.112**.

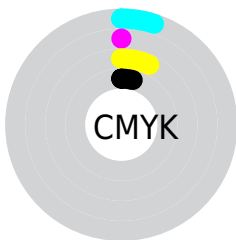
Distribution



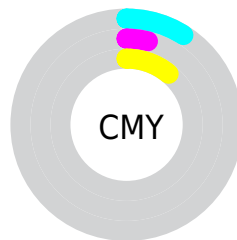
- Red (91%)
- Green (96%)
- Blue (89%)



- Red (89%)
- Yellow (96%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.587, 133.762 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 95, 9.587, 133.762 by changing the saturation by 10% instead.

95, 9.587, 133.762

95, 9.587, 133.762

100, 9.587,
133.762

85, 9.587, 133.762

75, 9.587, 133.762

65, 9.587, 133.762

55, 9.587, 133.762

45, 9.587, 133.762

35, 9.587, 133.762

25, 9.587, 133.762

15, 9.587, 133.762

5, 9.587, 133.762

95, 9.587, 133.762

95, 9.587, 133.762

93, 23.435,
133.295

97, 4.169, 314.112

97, 6.812, 324.633

92, 37.255,
132.795

91, 50.891,
132.272


89, 64.117,
131.754

88, 76.616,
131.295

87, 87.949,
130.978

87, 97.551,
130.921

86, 104.828,
131.257

 85,109.450,
132.059

Harmonies

Complementary

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



95, 9.587, 133.762



92, 9.667, 314.308

Rectangle

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



95, 9.587, 133.762



95, 9.587, 183.762



95, 9.587, 313.762



95, 9.587, 3.762

Sweetspot

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



95, 9.589, 133.765



100, 2.838, 134.026



94, 5.945, 87.438



53, 1.613, 134.034



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 9.589, 133.765



99, 11.416, 133.717



95, 9.730, 147.912



50, 7.851, 133.649



67, 89.935, 132.094



21, 38.068, 131.177

Inverse Universe

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



92, 9.667, 314.308



94, 11.515, 314.355



92, 9.756, 328.685



48, 7.927, 314.420



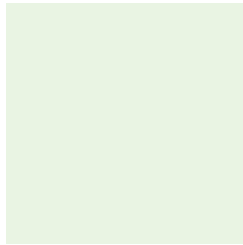
33, 95.499, 315.745



7, 41.646, 316.935

Previews

White Background



This preview shows how the CIELCh color 95, 9.587, 133.762 looks on a white background.

Color Contrast Check

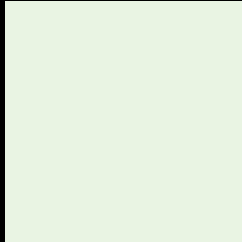
Large Text (above 18pt) WCAG AA × Fail

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 95, 9.587, 133.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

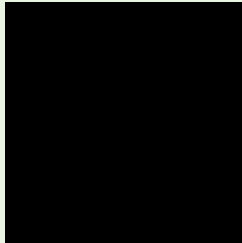
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

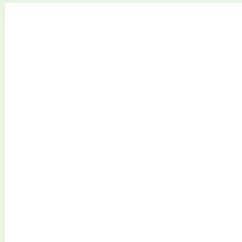
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.587, 133.762

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.587, 133.762.

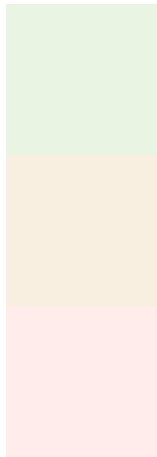


This preview shows how white text looks on a background with the CIELCh color 95, 9.587, 133.762.

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


95, 9.587, 133.762

Protanopia

95, 7.863, 84.984

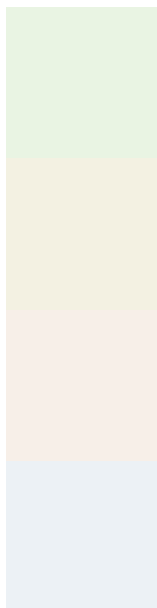
Deuteranopia

95, 6.856, 24.049



Tritanopia
95, 7.731, 285.690

Trichromacy



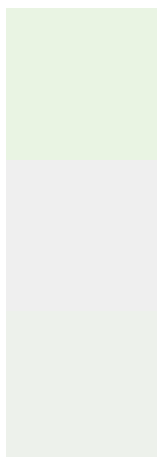
Original Color
95, 9.587, 133.762

Protanomaly
95, 7.701, 104.175

Deuteranomaly
95, 4.575, 70.910

Tritanomaly
95, 2.678, 249.777

Monochromacy



Original Color
95, 9.587, 133.762

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 3.396, 134.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.587, 133.762 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, 244, 227)` looks like.

```
.text, #text, p{  
    color:rgb(233, 244, 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(233, 244, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 244, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.587, 133.762 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, 244, 227) }
```

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

```
.border{ border-color:rgb(233, 244, 227) }
```

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

Here you see how a box with a 4 pixel rgb(233, 244, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 244, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 244, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 244,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.587, 133.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 244, 227) }
```

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

```
.background{ background-color: rgb(233,  
244, 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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