

Converting Colors

CIELCh(95, 8.443, 135.500)

Have a look what the booklet for
CIELCh(95, 8.443, 135.500) contains.

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Color

CIELCh(95, 8.661, 136.539)

Conversions

Conversions Part 1

Format	Color
Hex	E9F4E5
RGB	233, 244, 229
RGB Percent	91%, 96%, 90%
CMY	0.0866, 0.0434, 0.1023
CMYK	0.05, 0.00, 0.06, 0.04
HSL	104°, 40%, 93%
HSV	104°, 6%, 96%
XYZ	80.0388, 87.6183, 86.7665
YIQ	239.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

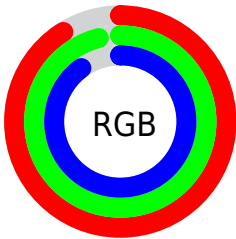
Format	Color
R _Y B	229, 244, 240
Decimal	15332581
CIE Lab	95.00, -6.29, 5.96
CIE LCh	95, 8.661, 136.539
Yxy	87.6183, 0.3146, 0.3444
Android (android.graphics.Color)	4293522661 (0xFFE9F4E5)
YUV	239.0010, -4.9305, -5.2629
Hunter-Lab	93.6047, -11.1776, 10.5646

Details

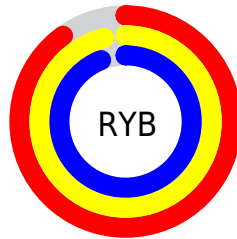
The CIELCh color **95, 8.661, 136.539** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 8.716, 317.017**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 8.628, 138.073** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.857, 136.048**, and if you desaturate by 10%, it is **97, 5.406, 316.897**.

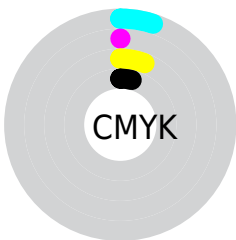
Distribution



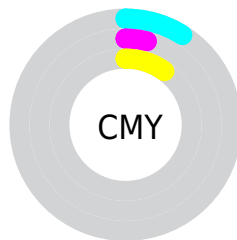
- Red (91%)
- Green (96%)
- Blue (90%)



- Red (90%)
- Yellow (96%)
- Blue (94%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.661, 136.539 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, 8.661, 136.539 by changing the saturation by 10% instead.

95, 8.661, 136.539

95, 8.661, 136.539

100, 8.661,
136.539

85, 8.661, 136.539

75, 8.661, 136.539

65, 8.661, 136.539

55, 8.661, 136.539

45, 8.661, 136.539

35, 8.661, 136.539

25, 8.661, 136.539

15, 8.661, 136.539

5, 8.661, 136.539

95, 8.661, 136.539

95, 8.661, 136.539

93, 22.857,
136.048

97, 5.406, 316.897

97, 6.896, 324.637

92, 37.051,
135.512

90, 51.074,
134.933

89, 64.685,
134.335

88, 77.551,
133.762

87, 89.222,
133.292

86, 99.122,
133.041

85, 106.634,
133.141

■ 85,111.365,
133.675

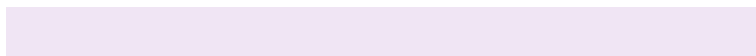
Harmonies

Complementary

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



95, 8.661, 136.539



92, 8.716, 317.017

Rectangle

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



95, 8.661, 136.539



95, 8.661, 186.539



95, 8.661, 316.539



95, 8.661, 6.539

Sweetspot

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



95, 8.663, 136.542



100, 2.906, 136.776



95, 5.799, 95.323



53, 1.652, 136.785



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

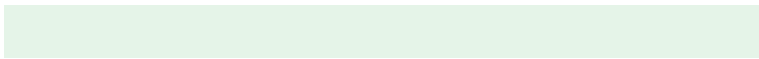
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.663, 136.542



99, 10.228, 136.499



95, 7.984, 151.364



51, 6.429, 136.472



66, 91.741, 133.731



21, 38.911, 133.139

Inverse Universe

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



92, 8.716, 317.017



95, 10.292, 317.057



92, 8.014, 332.069



48, 6.471, 317.084



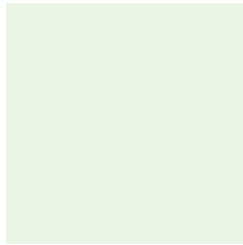
36, 93.966, 318.437



7, 41.478, 319.591

Previews

White Background



This preview shows how the CIELCh color 95, 8.661, 136.539 looks on a white background.

Color Contrast Check

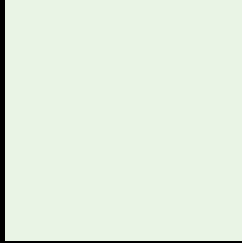
Large Text (above 18pt) WCAG AA × Fail

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, 8.661, 136.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

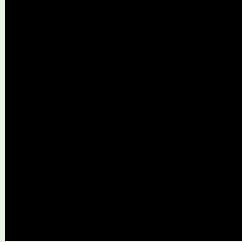
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

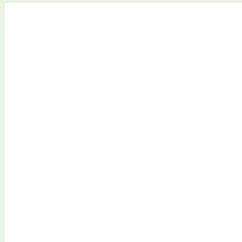
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.661, 136.539

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.661, 136.539.




This preview shows how white text looks on a background with the CIELCh color 95, 8.661, 136.539.

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](#).

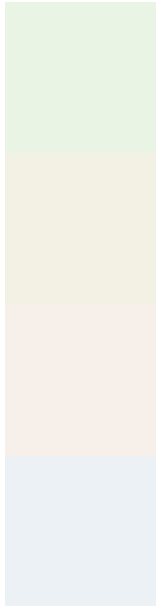
Dichromacy





Tritanopia
95, 7.731, 285.690

Trichromacy



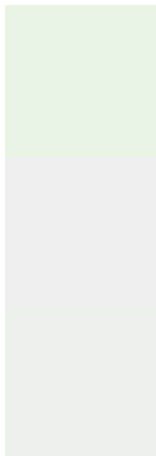
Original Color
95, 8.661, 136.539

Protanomaly
95, 7.191, 103.840

Deuteranomaly
95, 4.185, 66.572

Tritanomaly
95, 3.084, 256.066

Monochromacy



Original Color
95, 8.661, 136.539

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, 8.661, 136.539 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(233, 244, 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, 244, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 244, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.661, 136.539 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, 229) }
```

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

```
.border{ border-color:rgb(233, 244, 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, 244, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 244, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 244, 229);  
box-shadow:4px 4px 4px 4px rgb(233, 244,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.661, 136.539 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, 229) }
```

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

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