

Converting Colors

CIELCh(95, 5.384, 163.808)

Have a look what the booklet for
CIELCh(95, 5.384, 163.808) contains.

CIELCh(95, 5.539, 165.410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 5.539, 165.410)

Conversions

Conversions Part 1

Format	Color
Hex	E7F4EE
RGB	231, 244, 238
RGB Percent	91%, 96%, 93%
CMY	0.0953, 0.0443, 0.0678
CMYK	0.05, 0.00, 0.02, 0.04
HSL	152°, 37%, 93%
HSV	152°, 5%, 96%
XYZ	80.5108, 87.6183, 93.3300
YIQ	239.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

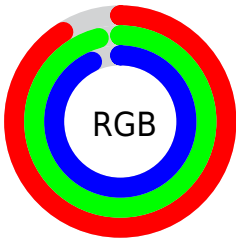
Format	Color
R_{YB}	231, 239, 244
Decimal	15201518
CIE Lab	95.00, -5.36, 1.40
CIE LCh	95, 5.539, 165.410
Yxy	87.6183, 0.3079, 0.3351
Android (android.graphics.Color)	4293391598 (0xFFE7F4EE)
YUV	239.4290, -0.7045, -7.3922
Hunter-Lab	93.6047, -10.2777, 6.4072

Details

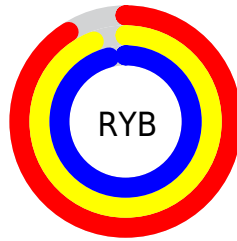
The CIELCh color **95, 5.539, 165.410** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 5.598, 346.137**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.819, 165.262** is the 20% darker color. If you saturate the color by 10%, you get **93, 15.926, 164.430**, and if you desaturate by 10%, it is **97, 4.826, 345.858**.

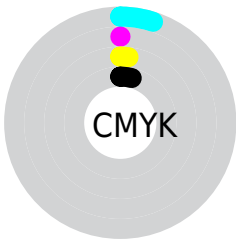
Distribution



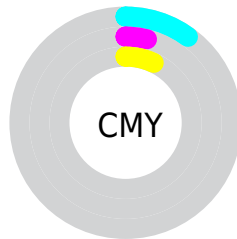
- Red (91%)
- Green (96%)
- Blue (93%)



- Red (91%)
- Yellow (94%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.539, 165.410 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, 5.539, 165.410 by changing the saturation by 10% instead.

95, 5.539, 165.410

95, 5.539, 165.410

100, 5.539,
165.410

85, 5.539, 165.410

75, 5.539, 165.410

65, 5.539, 165.410

55, 5.539, 165.410

45, 5.539, 165.410

35, 5.539, 165.410

25, 5.539, 165.410

15, 5.539, 165.410

5, 5.539, 165.410

95, 5.539, 165.410

95, 5.539, 165.410

93, 15.926,
164.430

97, 4.826, 345.858

97, 7.033, 324.642

91, 26.178,
163.407

90, 36.146,
162.273

89, 45.656,
161.001

88, 54.531,
159.563

87, 62.603,
157.936

86, 69.749,
156.098

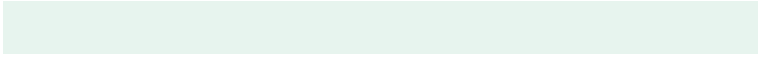
86, 75.912,
154.043

■ 85, 81.131,
151.788

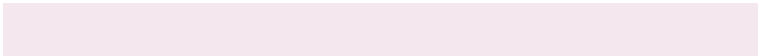
Harmonies

Complementary

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



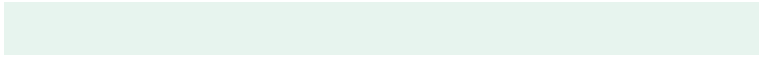
95, 5.539, 165.410



93, 5.598, 346.137

Rectangle

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



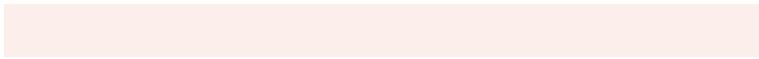
95, 5.539, 165.410



95, 5.539, 215.410



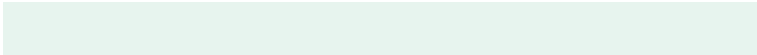
95, 5.539, 345.410



95, 5.539, 35.410

Sweetspot

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



95, 5.541, 165.401



100, 2.150, 165.833



95, 7.118, 130.017



53, 1.222, 165.853



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, 5.541, 165.401



99, 6.467, 165.332



95, 4.370, 202.188



51, 4.149, 165.269



67, 67.519, 151.140



21, 28.027, 154.720

Inverse Universe

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



93, 5.598, 346.137



96, 6.537, 346.207



93, 4.521, 22.404



49, 4.197, 346.270



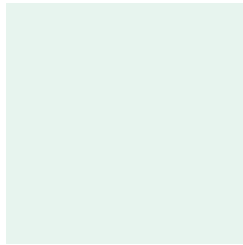
40, 66.653, 5.703



9, 29.948, 358.937

Previews

White Background



This preview shows how the CIE LCh color 95, 5.539, 165.410 looks on a white background.

Color Contrast Check

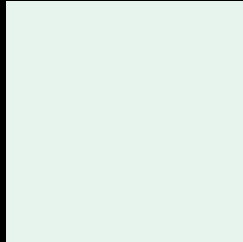
Large Text (above 18pt) WCAG AA × Fail

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, 5.539, 165.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

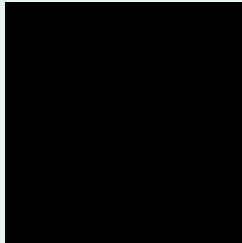
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

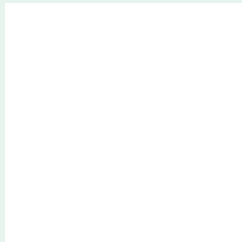
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.539, 165.410

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.539, 165.410.

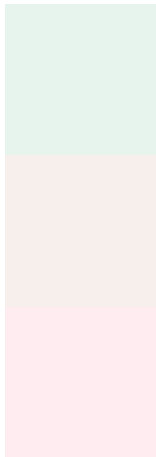


This preview shows how white text looks on a background with the CIELCh color 95, 5.539, 165.410.

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, 5.539, 165.410

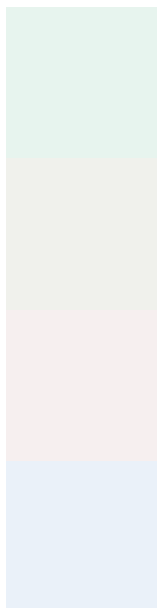
Protanopia
95, 3.216, 58.875

Deuteranopia
95, 7.104, 3.065



Tritanopia
95, 7.810, 280.681

Trichromacy



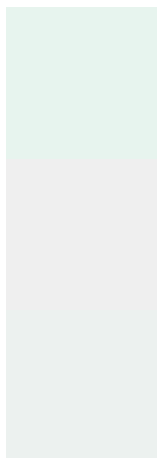
Original Color
95, 5.539, 165.410

Protanomaly
95, 2.581, 117.859

Deuteranomaly
95, 2.488, 19.319

Tritanomaly
95, 4.736, 259.809

Monochromacy



Original Color
95, 5.539, 165.410

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.045, 169.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.539, 165.410 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(231, 244, 238)` looks like.

```
.text, #text, p{  
    color:rgb(231, 244, 238)  
}
```

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(231, 244, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 244, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.539, 165.410 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(231, 244, 238) }
```

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

```
.border{ border-color:rgb(231, 244, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 244, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 244, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 244, 238);  
box-shadow:4px 4px 4px 4px rgb(231, 244,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.539, 165.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 244, 238) }
```

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

```
.background{ background-color: rgb(231,  
244, 238) }
```

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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