

Converting Colors

CIELCh(95, 3.597, 138.049)

Have a look what the booklet for
CIELCh(95, 3.597, 138.049) contains.

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Color

CIELCh(95, 3.560, 139.756)

Conversions

Conversions Part 1

Format	Color
Hex	EDF2EC
RGB	237, 242, 236
RGB Percent	93%, 95%, 93%
CMY	0.0703, 0.0507, 0.0743
CMYK	0.02, 0.00, 0.02, 0.05
HSL	110°, 19%, 94%
HSV	110°, 2%, 95%
XYZ	81.8677, 87.6183, 92.0031
YIQ	239.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

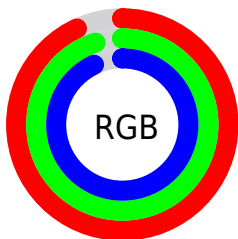
Format	Color
R _Y B	236, 242, 241
Decimal	15594220
CIE Lab	95.00, -2.72, 2.30
CIE LCh	95, 3.560, 139.756
Yxy	87.6183, 0.3131, 0.3351
Android (android.graphics.Color)	4293784300 (0xFFEDF2EC)
YUV	239.8210, -1.8838, -2.4740
Hunter-Lab	93.6047, -7.6900, 7.2477

Details

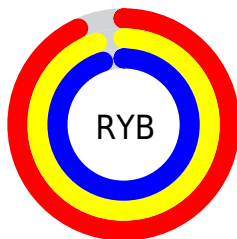
The CIELCh color **95, 3.560, 139.756** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 3.586, 319.846**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 3.744, 139.708** is the 20% darker color. If you saturate the color by 10%, you get **93, 18.072, 139.202**, and if you desaturate by 10%, it is **97, 8.056, 324.684**.

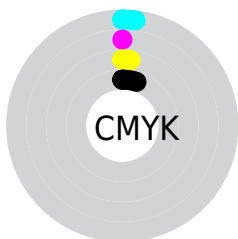
Distribution



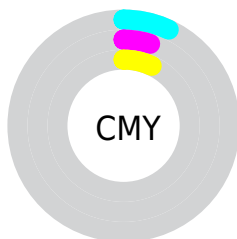
- Red (93%)
- Green (95%)
- Blue (93%)



- Red (93%)
- Yellow (95%)
- Blue (95%)



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



- Cyan (7%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 3.560, 139.756 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, 3.560, 139.756 by changing the saturation by 10% instead.

95, 3.560, 139.756

95, 3.560, 139.756

100, 3.560,
139.756

85, 3.560, 139.756

75, 3.560, 139.756

65, 3.560, 139.756

55, 3.560, 139.756

45, 3.560, 139.756

35, 3.560, 139.756

25, 3.560, 139.756

15, 3.560, 139.756

5, 3.560, 139.756

95, 3.560, 139.756

95, 3.560, 139.756

93, 18.072,
139.202

97, 8.056, 324.684

91, 32.651,
138.620

90, 47.120,
137.969

88, 61.235,
137.257

87, 74.667,
136.514

86, 86.979,
135.800

85, 97.612,
135.212

85, 105.929,
134.883

■ 84, 111.413,
134.928

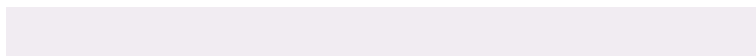
Harmonies

Complementary

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



95, 3.560, 139.756



94, 3.586, 319.846

Rectangle

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



95, 3.560, 139.756



95, 3.560, 189.756



95, 3.560, 319.756



95, 3.560, 9.756

Sweetspot

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



95, 3.563, 139.760



100, 1.490, 139.933



95, 2.574, 102.000



53, 0.847, 139.944



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, 3.563, 139.760



99, 4.498, 139.723



95, 2.962, 155.628



50, 3.245, 139.674



65, 92.323, 135.013



20, 38.311, 135.181

Inverse Universe

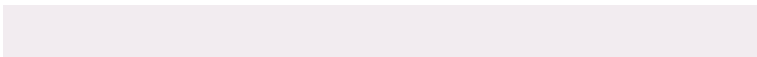
The Inverse Universe completely reimagines the original color for something new.



94, 3.586, 319.846



98, 4.524, 319.882



94, 2.983, 335.704



49, 3.261, 319.930



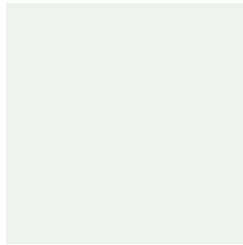
38, 91.592, 321.899



8, 39.869, 322.741

Previews

White Background



This preview shows how the CIE LCh color 95, 3.560, 139.756 looks on a white background.

Color Contrast Check

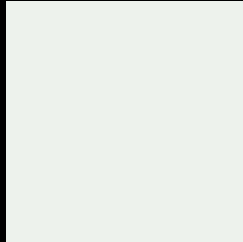
Large Text (above 18pt) WCAG AA × Fail

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, 3.560, 139.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

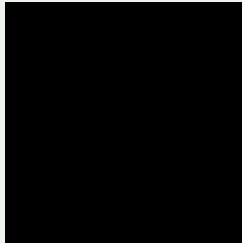
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

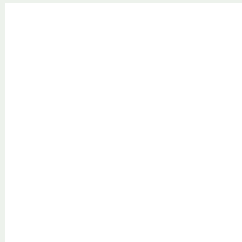
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.560, 139.756

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.560, 139.756.

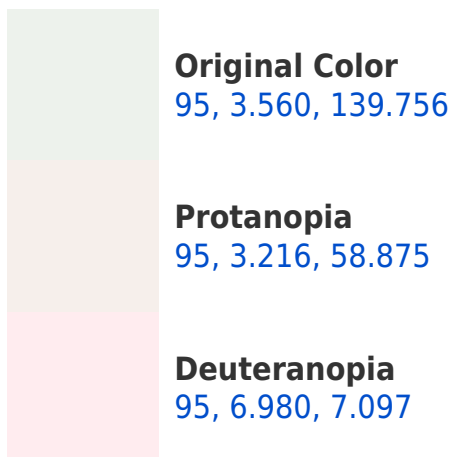



This preview shows how white text looks on a background with the CIELCh color 95, 3.560, 139.756.

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](#).

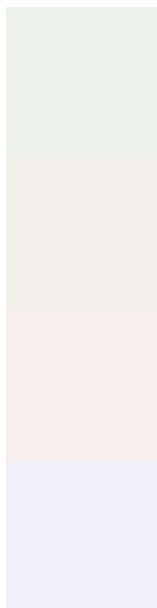
Dichromacy





Tritanopia
95, 8.243, 293.212

Trichromacy



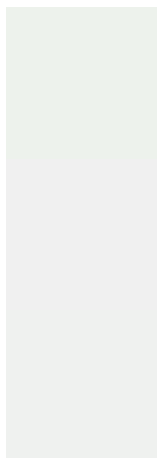
Original Color
95, 3.560, 139.756

Protanomaly
95, 2.758, 87.122

Deuteranomaly
95, 3.565, 19.469

Tritanomaly
95, 4.127, 285.681

Monochromacy



Original Color
95, 3.560, 139.756

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.243, 144.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 3.560, 139.756 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(237, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(237, 242, 236)  
}
```

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(237, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.560, 139.756 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(237, 242, 236) }
```

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

```
.border{ border-color:rgb(237, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(237, 242,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.560, 139.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 242, 236) }
```

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

```
.background{ background-color: rgb(237,  
242, 236) }
```

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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