

Converting Colors

CIELCh(95, 4.589, 109.113)

Have a look what the booklet for
CIELCh(95, 4.589, 109.113) contains.

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Color

CIELCh(95, 4.602, 109.803)

Conversions

Conversions Part 1

Format	Color
Hex	F1F1E8
RGB	241, 241, 232
RGB Percent	95%, 95%, 91%
CMY	0.0540, 0.0540, 0.0893
CMYK	0.00, 0.00, 0.04, 0.05
HSL	60°, 25%, 93%
HSV	60°, 4%, 95%
XYZ	82.4671, 87.6183, 89.0716
YIQ	239.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

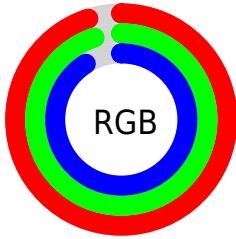
Format	Color
R _Y B	232, 241, 232
Decimal	15856104
CIE Lab	95.00, -1.56, 4.33
CIE LCh	95, 4.602, 109.803
Yxy	87.6183, 0.3182, 0.3381
Android (android.graphics.Color)	4294046184 (0xFFFF1F1E8)
YUV	239.9740, -3.9312, 0.8998
Hunter-Lab	93.6047, -6.5470, 9.1045

Details

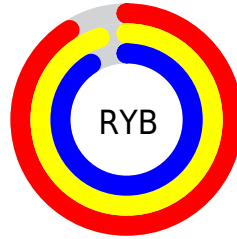
The CIELCh color `95, 4.602, 109.803` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 4.662, 290.581`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 4.838, 109.705` is the 20% darker color. If you saturate the color by 10%, you get `94, 16.930, 108.863`, and if you desaturate by 10%, it is `96, 7.076, 290.752`.

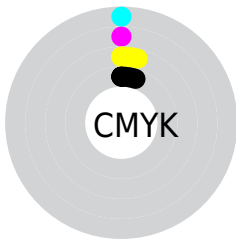
Distribution



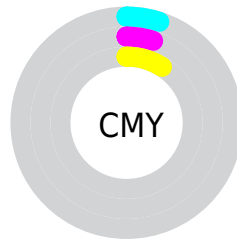
- Red (95%)
- Green (95%)
- Blue (91%)



- Red (91%)
- Yellow (95%)
- Blue (91%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.602, 109.803 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, 4.602, 109.803 by changing the saturation by 10% instead.

 95, 4.602, 109.803

 95, 4.602, 109.803

 100, 4.602,
109.803

 85, 4.602, 109.803

 75, 4.602, 109.803

 65, 4.602, 109.803

 55, 4.602, 109.803

 45, 4.602, 109.803

 35, 4.602, 109.803

 25, 4.602, 109.803

 15, 4.602, 109.803

 5, 4.602, 109.803

95, 4.602, 109.803

95, 4.602, 109.803

94, 16.930,
108.863

96, 7.076, 290.752

94, 29.144,
107.887

96, 7.076, 290.785

94, 41.138,
106.923

96, 7.076, 290.818

93, 52.744,
105.990

96, 7.076, 290.883

93, 63.699,
105.118

96, 7.076, 290.916

93, 73.617,
104.341

96, 7.076, 290.981

93, 81.967,
103.699

96, 7.076, 291.014

93, 88.154,
103.233

■ 92, 91.756,
102.967

Harmonies

Complementary

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



95, 4.602, 109.803



92, 4.662, 290.581

Rectangle

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



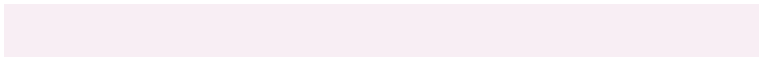
95, 4.602, 109.803



95, 4.602, 159.803



95, 4.602, 289.803



95, 4.602, 339.803

Sweetspot

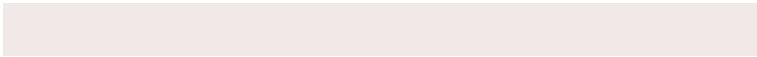
The Sweet Spot groups the original color and five complimentary colors.



95, 4.604, 109.823



100, 1.282, 110.041



93, 3.223, 19.435



53, 0.729, 110.043



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, 4.604, 109.823



100, 5.161, 109.797



95, 4.897, 128.934



50, 3.487, 109.729



72, 75.720, 102.882



23, 31.944, 103.334

Inverse Universe

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



92, 4.662, 290.581



97, 5.227, 290.609



93, 4.942, 309.205



48, 3.535, 290.681



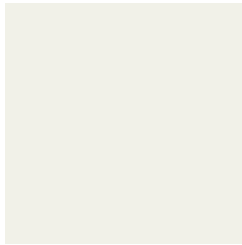
22, 104.553, 306.289



3, 37.810, 298.761

Previews

White Background



This preview shows how the CIE LCh color 95, 4.602, 109.803 looks on a white background.

Color Contrast Check

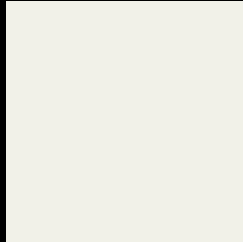
Large Text (above 18pt) WCAG AA × Fail

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, 4.602, 109.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

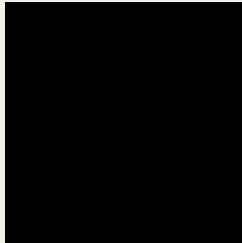
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

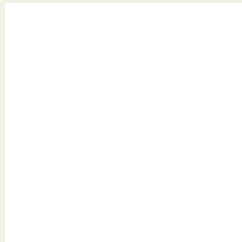
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.602, 109.803

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.602, 109.803.

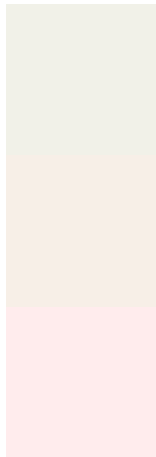


This preview shows how white text looks on a background with the CIELCh color 95, 4.602, 109.803.

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, 4.602, 109.803

Protanopia

95, 4.987, 74.542

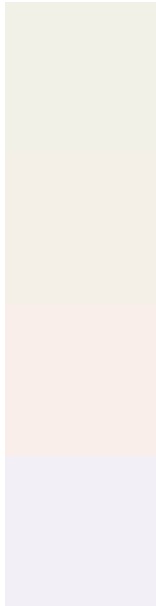
Deuteranopia

95, 6.841, 15.497



Tritanopia
95, 9.018, 304.126

Trichromacy



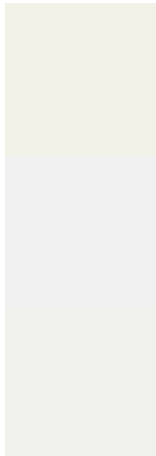
Original Color
95, 4.602, 109.803

Protanomaly
95, 4.927, 88.398

Deuteranomaly
95, 4.558, 39.216

Tritanomaly
95, 4.368, 309.179

Monochromacy



Original Color
95, 4.602, 109.803

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.528, 110.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.602, 109.803 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(241, 241, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 241, 232)  
}
```

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(241, 241, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 241, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.602, 109.803 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(241, 241, 232) }
```

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

```
.border{ border-color:rgb(241, 241, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 241, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 241, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 241, 232); box-shadow:4px 4px 4px 4px rgb(241, 241, 232) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.602, 109.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 241, 232) }
```

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

```
.background{ background-color: rgb(241,  
241, 232) }
```

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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