

Converting Colors

CIELCh(95, 4.024, 5.219)

Have a look what the booklet for
CIELCh(95, 4.024, 5.219) contains.

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Color

CIELCh(95, 4.056, 4.896)

Conversions

Conversions Part 1

Format	Color
Hex	F9EEF0
RGB	249, 238, 240
RGB Percent	98%, 93%, 94%
CMY	0.0233, 0.0665, 0.0586
CMYK	0.00, 0.04, 0.04, 0.02
HSL	349°, 48%, 96%
HSV	349°, 4%, 98%
XYZ	85.4067, 87.6183, 94.8847
YIQ	241.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

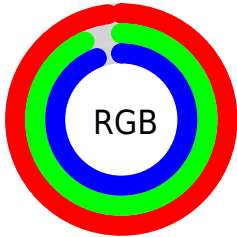
Format	Color
R_{YB}	249, 238, 240
Decimal	16379632
CIE Lab	95.00, 4.04, 0.35
CIE LCh	95, 4.056, 4.896
Yxy	87.6183, 0.3188, 0.3270
Android (android.graphics.Color)	4294569712 (0xFF9EEF0)
YUV	241.5170, -0.7479, 6.5626
Hunter-Lab	93.6047, -0.9413, 5.4225

Details

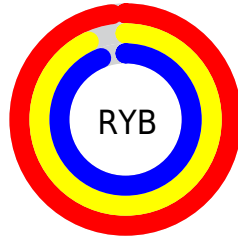
The CIELCh color **95, 4.056, 4.896** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **97, 3.974, 184.438**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 4.268, 5.040** is the 20% darker color. If you saturate the color by 10%, you get **88, 13.603, 6.031**, and if you desaturate by 10%, it is **100, 2.064, 199.595**.

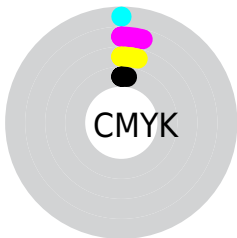
Distribution



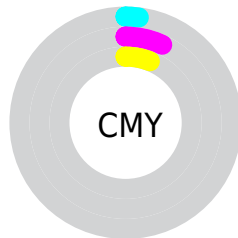
- Red (98%)
- Green (93%)
- Blue (94%)



- Red (98%)
- Yellow (93%)
- Blue (94%)



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



- Cyan (2%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.056, 4.896 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, 4.056, 4.896 by changing the saturation by 10% instead.

 95, 4.056, 4.896

 95, 4.056, 4.896

 100, 4.056, 4.896

 85, 4.056, 4.896

 75, 4.056, 4.896

 65, 4.056, 4.896

 55, 4.056, 4.896

 45, 4.056, 4.896

 35, 4.056, 4.896

 25, 4.056, 4.896

 15, 4.056, 4.896

 5, 4.056, 4.896

95, 4.056, 4.896

95, 4.056, 4.896

88, 13.603, 6.031

100, 2.064,
199.595

82, 23.648, 7.249

76, 34.095, 8.714

70, 44.761, 10.522

65, 55.356, 12.794

60, 65.490, 15.678

57, 74.757, 19.326

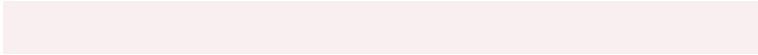
54, 82.881, 23.812

53, 89.823, 28.981

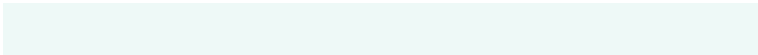
Harmonies

Complementary

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



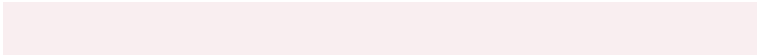
95, 4.056, 4.896



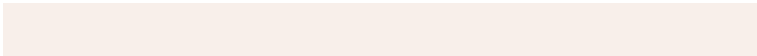
97, 3.974, 184.438

Rectangle

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



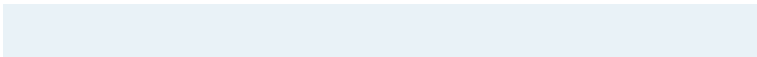
95, 4.056, 4.896



95, 4.056, 54.896



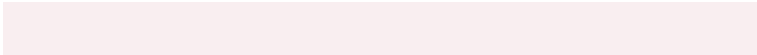
95, 4.056, 184.896



95, 4.056, 234.896

Sweetspot

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



95, 4.054, 4.920



99, 0.930, 4.097



95, 6.505, 319.467



53, 0.529, 4.058



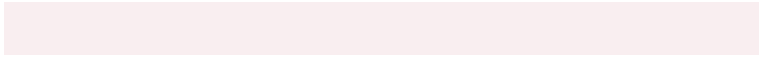
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 4.054, 4.920



97, 4.687, 4.993



96, 3.200, 53.121



50, 3.151, 5.074



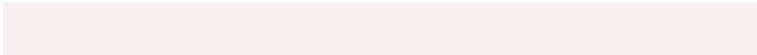
39, 75.076, 30.894



9, 31.083, 18.641

Inverse Universe

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



95, 4.054, 4.920



97, 4.687, 4.993



96, 3.137, 234.156



50, 3.151, 5.074



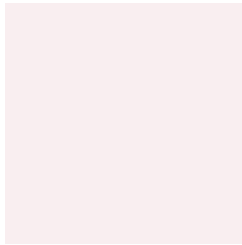
39, 75.076, 30.894



9, 31.083, 18.641

Previews

White Background



This preview shows how the CIE LCh color 95, 4.056, 4.896 looks on a white background.

Color Contrast Check

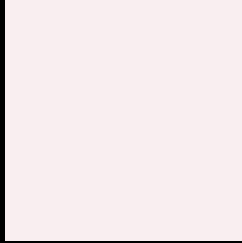
Large Text (above 18pt) WCAG AA × Fail

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, 4.056, 4.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

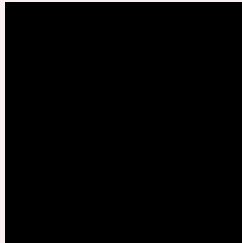
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

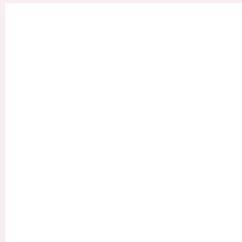
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.056, 4.896

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.056, 4.896.

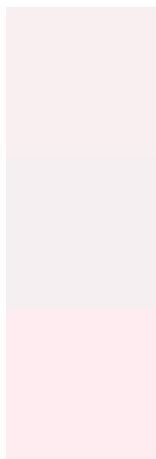


This preview shows how white text looks on a background with the CIELCh color 95, 4.056, 4.896.

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, 4.056, 4.896

Protanopia

95, 2.374, 353.688

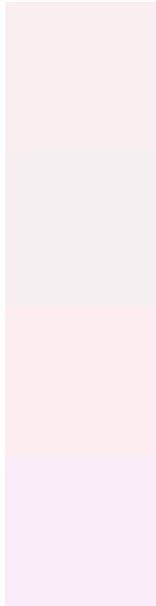
Deuteranopia

95, 7.263, 359.192



Tritanopia
95, 10.683, 320.098

Trichromacy



Original Color

95, 4.056, 4.896

Protanomaly

95, 2.698, 357.012

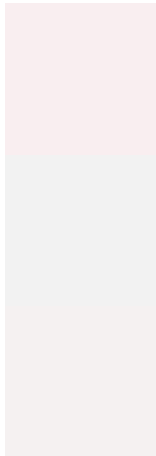
Deuteranomaly

95, 6.073, 0.017

Tritanomaly

95, 7.714, 326.839

Monochromacy



Original Color

95, 4.056, 4.896

Achromatopsia

95, 0.011, 296.813

Achromatomaly

95, 1.417, 19.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.056, 4.896 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(249, 238, 240)` looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 240)  
}
```

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(249, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.056, 4.896 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(249, 238, 240) }
```

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

```
.border{ border-color:rgb(249, 238, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.056, 4.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 240) }
```

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

```
.background{ background-color: rgb(249,  
238, 240) }
```

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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