

Converting Colors

CIELCh(95, 5.714, 19.190)

Have a look what the booklet for
CIELCh(95, 5.714, 19.190) contains.

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Color

CIELCh(95, 5.734, 19.684)

Conversions

Conversions Part 1

Format	Color
Hex	FDEDED
RGB	253, 237, 237
RGB Percent	99%, 93%, 93%
CMY	0.0076, 0.0703, 0.0703
CMYK	0.00, 0.06, 0.06, 0.01
HSL	0°, 81%, 96%
HSV	0°, 6%, 99%
XYZ	86.1297, 87.6183, 92.5421
YIQ	241.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

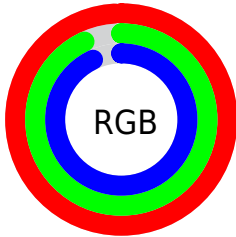
Format	Color
R _Y B	253, 237, 237
Decimal	16641517
CIE Lab	95.00, 5.40, 1.93
CIE LCh	95, 5.734, 19.684
Yxy	87.6183, 0.3234, 0.3290
Android (android.graphics.Color)	4294831597 (0xFFFDDED)
YUV	241.7840, -2.3585, 9.8364
Hunter-Lab	93.6047, 0.4375, 6.9063

Details

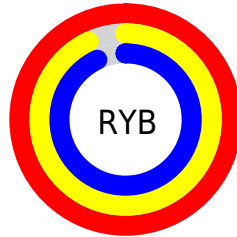
The CIELCh color **95, 5.734, 19.684** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 5.508, 199.197**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.667, 19.785** is the 20% darker color. If you saturate the color by 10%, you get **88, 15.399, 20.532**, and if you desaturate by 10%, it is **100, 0.672, 200.349**.

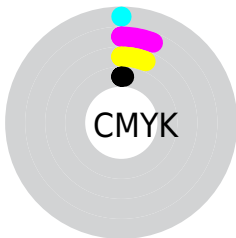
Distribution



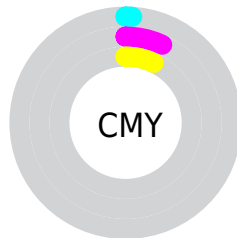
- Red (99%)
- Green (93%)
- Blue (93%)



- Red (99%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.734, 19.684 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, 5.734, 19.684 by changing the saturation by 10% instead.



95, 5.734, 19.684

95, 5.734, 19.684

88, 15.399, 20.532

100, 0.672,
200.349

82, 25.824, 21.530

75, 36.975, 22.823

70, 48.732, 24.515

64, 60.862, 26.722

60, 73.009, 29.536

57, 84.671, 32.929

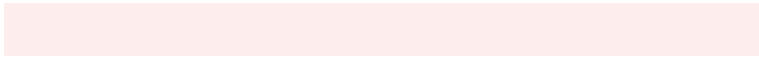
54, 95.000, 36.525

53, 102.122,
39.266

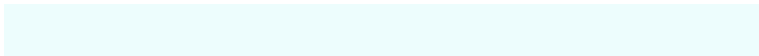
Harmonies

Complementary

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



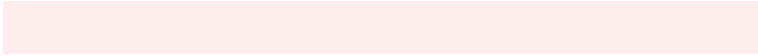
95, 5.734, 19.684



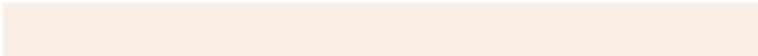
98, 5.508, 199.197

Rectangle

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



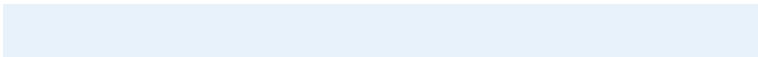
95, 5.734, 19.684



95, 5.734, 69.684



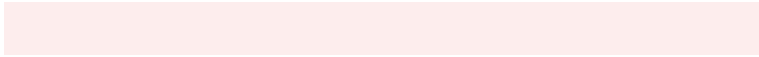
95, 5.734, 199.684



95, 5.734, 249.684

Sweetspot

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



95, 5.732, 19.706



99, 1.794, 19.181



95, 9.991, 324.760



53, 1.020, 19.155



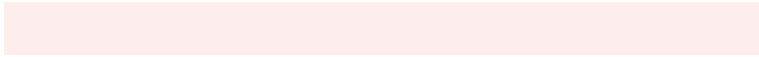
0, 0.000, 0.000



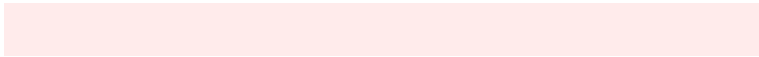
53, 0.007, 296.813

Same Dimension

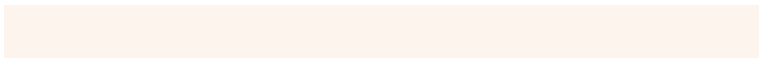
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 5.732, 19.706



94, 7.347, 19.844



97, 4.963, 74.558



49, 5.252, 19.965



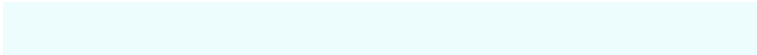
40, 84.226, 40.003



10, 33.362, 27.189

Inverse Universe

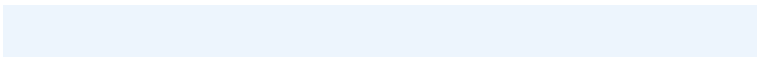
The Inverse Universe completely reimagines the original color for something new.



98, 5.508, 199.197



99, 6.983, 199.081



96, 4.900, 256.316



52, 4.944, 198.986



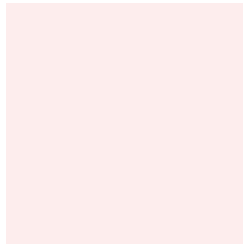
70, 40.349, 196.428



24, 18.563, 196.423

Previews

White Background



This preview shows how the CIE LCh color 95, 5.734, 19.684 looks on a white background.

Color Contrast Check

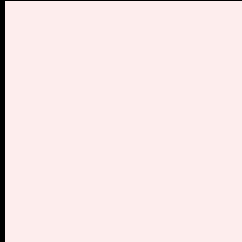
Large Text (above 18pt) WCAG AA × Fail

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, 5.734, 19.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

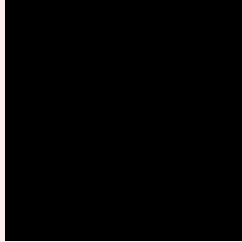
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

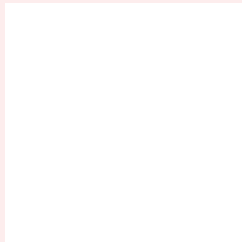
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.734, 19.684

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.734, 19.684.

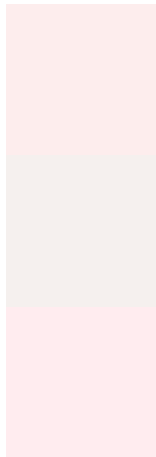


This preview shows how white text looks on a background with the CIELCh color 95, 5.734, 19.684.

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, 5.734, 19.684

Protanopia

95, 2.038, 49.326

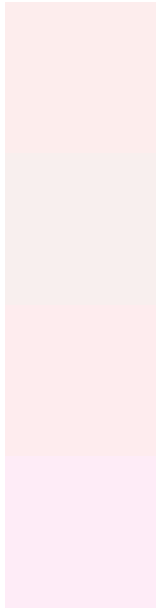
Deuteranopia

95, 6.980, 7.097



Tritanopia
95, 11.655, 327.699

Trichromacy



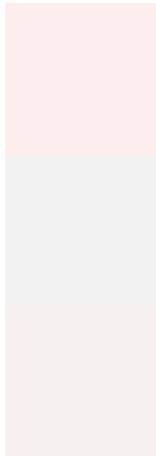
Original Color
95, 5.734, 19.684

Protanomaly
95, 3.243, 28.501

Deuteranomaly
95, 6.533, 10.749

Tritanomaly
95, 8.542, 338.597

Monochromacy



Original Color
95, 5.734, 19.684

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.129, 19.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.734, 19.684 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(253, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(253, 237, 237)  
}
```

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(253, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 237, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.734, 19.684 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(253, 237, 237) }
```

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

```
.border{ border-color:rgb(253, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 237,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.734, 19.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 237, 237) }
```

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

```
.background{ background-color: rgb(253,  
237, 237) }
```

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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