

Converting Colors

CIELCh(95, 5.293, 45.692)

Have a look what the booklet for
CIELCh(95, 5.293, 45.692) contains.

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Color

CIELCh(95, 5.319, 48.295)

Conversions

Conversions Part 1

Format	Color
Hex	FBEEE9
RGB	251, 238, 233
RGB Percent	98%, 93%, 91%
CMY	0.0153, 0.0663, 0.0859
CMYK	0.00, 0.05, 0.07, 0.02
HSL	17°, 70%, 95%
HSV	17°, 7%, 98%
XYZ	85.1401, 87.6183, 89.5852
YIQ	241.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

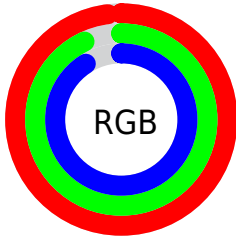
Format	Color
R _Y B	251, 240, 233
Decimal	16510697
CIE Lab	95.00, 3.54, 3.97
CIE LCh	95, 5.319, 48.295
Yxy	87.6183, 0.3245, 0.3340
Android (android.graphics.Color)	4294700777 (0xFFFBEE9)
YUV	241.3170, -4.1003, 8.4920
Hunter-Lab	93.6047, -1.4496, 8.7792

Details

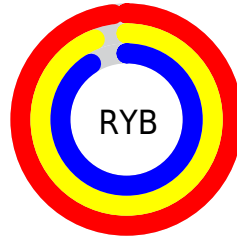
The CIELCh color **95, 5.319, 48.295** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 5.113, 229.419**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.284, 50.191** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.249, 47.881**, and if you desaturate by 10%, it is **100, 1.357, 199.808**.

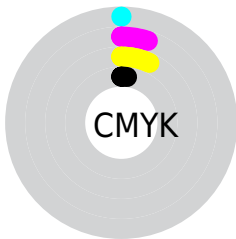
Distribution



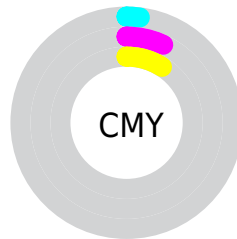
- Red (98%)
- Green (93%)
- Blue (91%)



- Red (98%)
- Yellow (94%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.319, 48.295 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, 5.319, 48.295 by changing the saturation by 10% instead.

 95, 5.319, 48.295

 95, 5.319, 48.295

 100, 5.319, 48.295

 85, 5.319, 48.295

 75, 5.319, 48.295

 65, 5.319, 48.295


 55, 5.319, 48.295

 45, 5.319, 48.295

 35, 5.319, 48.295

 25, 5.319, 48.295

 15, 5.319, 48.295

 5, 5.319, 48.295

95, 5.319, 48.295

95, 5.319, 48.295

90, 13.249, 47.881

100, 1.357,
199.808

85, 21.821, 47.470

80, 31.084, 47.157

76, 41.059, 46.973

71, 51.712, 46.935

67, 62.899, 47.027

64, 74.248, 47.154

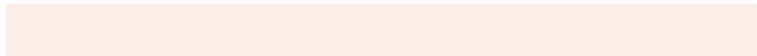
60, 84.894, 47.039

58, 93.197, 46.114

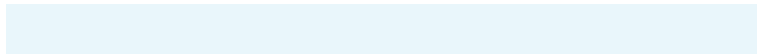
Harmonies

Complementary

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



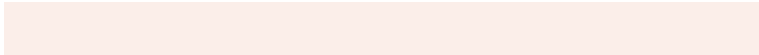
95, 5.319, 48.295



96, 5.113, 229.419

Rectangle

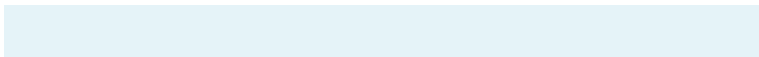
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 5.319, 48.295



95, 5.319, 98.295



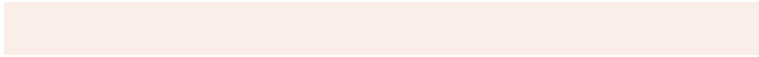
95, 5.319, 228.295



95, 5.319, 278.295

Sweetspot

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



95, 5.319, 48.325



99, 1.470, 48.308



94, 9.344, 333.406



53, 0.836, 48.291



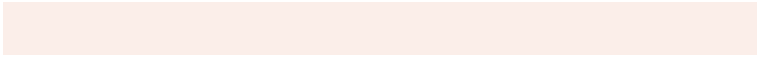
0, 0.000, 0.000



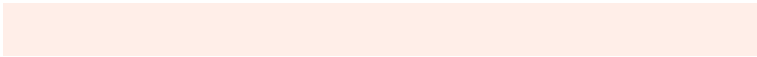
53, 0.007, 296.813

Same Dimension

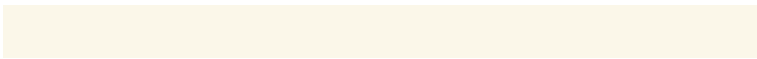
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 5.319, 48.325



95, 6.810, 48.249



97, 7.174, 97.461



50, 4.240, 48.228



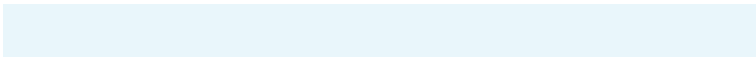
43, 76.314, 46.368



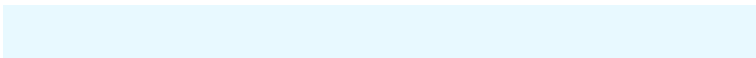
12, 27.617, 41.670

Inverse Universe

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



96, 5.113, 229.419



97, 6.474, 229.528



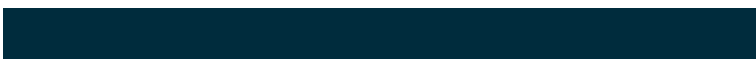
94, 7.232, 279.227



50, 4.018, 229.559



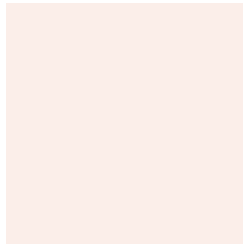
53, 37.812, 251.986



16, 16.390, 244.863

Previews

White Background



This preview shows how the CIE LCh color 95, 5.319, 48.295 looks on a white background.

Color Contrast Check

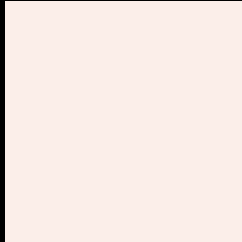
Large Text (above 18pt) WCAG AA × Fail

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, 5.319, 48.295 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

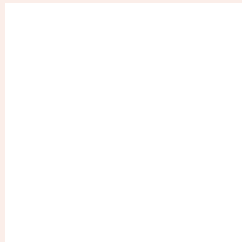
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.319, 48.295

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.319, 48.295.

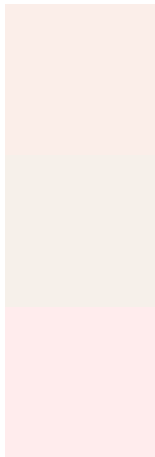


This preview shows how white text looks on a background with the CIELCh color 95, 5.319, 48.295.

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, 5.319, 48.295

Protanopia

95, 3.728, 74.710

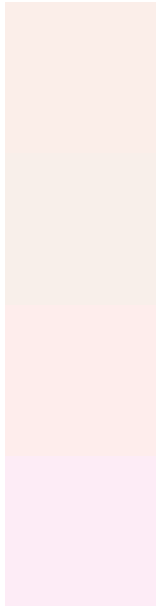
Deuteranopia

95, 6.841, 15.497



Tritanopia
95, 11.446, 326.278

Trichromacy



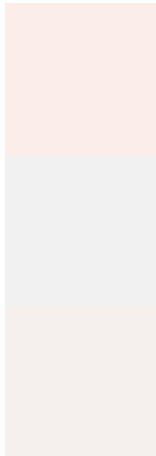
Original Color
95, 5.319, 48.295

Protanomaly
95, 4.101, 58.014

Deuteranomaly
95, 6.124, 24.499

Tritanomaly
95, 7.941, 339.644

Monochromacy



Original Color
95, 5.319, 48.295

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.038, 49.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.319, 48.295 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(251, 238, 233)` looks like.

```
.text, #text, p{  
    color:rgb(251, 238, 233)  
}
```

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(251, 238, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 238, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.319, 48.295 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(251, 238, 233) }
```

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

```
.border{ border-color:rgb(251, 238, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 238, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 238, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 238, 233); box-shadow:4px 4px 4px 4px rgb(251, 238, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.319, 48.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 238, 233) }
```

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

```
.background{ background-color: rgb(251,  
238, 233) }
```

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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