

Converting Colors

CIELCh(95, 4.120, 60.195)

Have a look what the booklet for
CIELCh(95, 4.120, 60.195) contains.

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Color

CIELCh(95, 4.101, 58.014)

Conversions

Conversions Part 1

Format	Color
Hex	F8EFEA
RGB	248, 239, 234
RGB Percent	97%, 94%, 92%
CMY	0.0275, 0.0628, 0.0824
CMYK	0.00, 0.04, 0.06, 0.03
HSL	21°, 50%, 95%
HSV	21°, 6%, 97%
XYZ	84.4181, 87.6183, 90.2936
YIQ	241.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

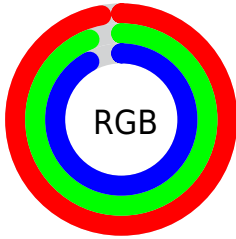
Format	Color
R_{YB}	248, 242, 234
Decimal	16314346
CIE _{Lab}	95.00, 2.17, 3.48
CIE _{LCh}	95, 4.101, 58.014
Yxy	87.6183, 0.3218, 0.3340
Android (android.graphics.Color)	4294504426 (0xFF8EFEA)
YUV	241.1210, -3.5107, 6.0329
Hunter-Lab	93.6047, -2.8265, 8.3305

Details

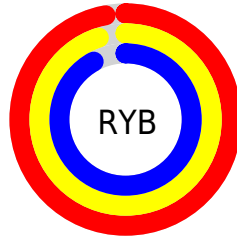
The CIELCh color **95, 4.101, 58.014** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 4.004, 239.359**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 4.326, 57.908** is the 20% darker color. If you saturate the color by 10%, you get **90, 11.770, 57.270**, and if you desaturate by 10%, it is **99, 2.404, 200.426**.

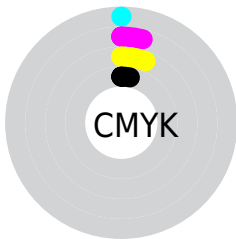
Distribution



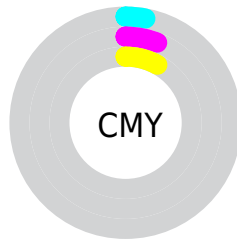
- Red (97%)
- Green (94%)
- Blue (92%)



- Red (97%)
- Yellow (95%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (3%)









- Cyan (3%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.101, 58.014 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, 4.101, 58.014 by changing the saturation by 10% instead.

 95, 4.101, 58.014	 95, 4.101, 58.014
 100, 4.101, 58.014	 85, 4.101, 58.014
	 75, 4.101, 58.014
	 65, 4.101, 58.014
	 55, 4.101, 58.014
	 45, 4.101, 58.014
	 35, 4.101, 58.014
	 25, 4.101, 58.014
	 15, 4.101, 58.014
	 5, 4.101, 58.014

95, 4.101, 58.014

95, 4.101, 58.014

90, 11.770, 57.270

99, 2.404, 200.426

86, 19.988, 56.458

99, 2.430, 199.524

82, 28.802, 55.692

78, 38.234, 54.993

74, 48.259, 54.366

70, 58.754, 53.788

66, 69.389, 53.172

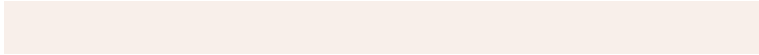
63, 79.418, 52.287

60, 87.446, 50.666

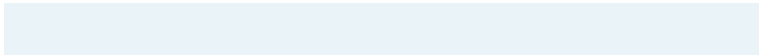
Harmonies

Complementary

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



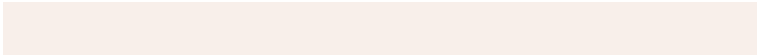
95, 4.101, 58.014



95, 4.004, 239.359

Rectangle

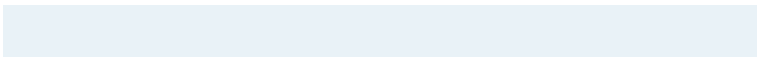
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 4.101, 58.014



95, 4.101, 108.014



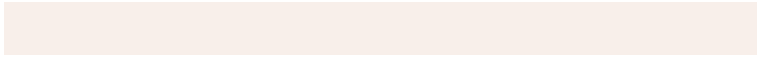
95, 4.101, 238.014



95, 4.101, 288.014

Sweetspot

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



95, 4.101, 58.052



99, 1.464, 58.124



94, 6.854, 336.724



53, 0.832, 58.112



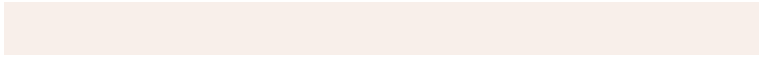
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

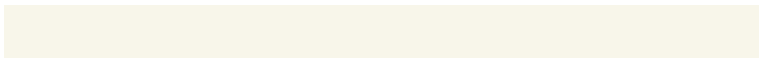
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.101, 58.052



97, 5.226, 57.958



97, 6.103, 102.610



50, 3.347, 57.915



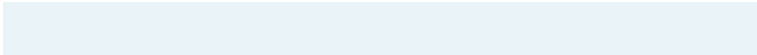
45, 73.099, 50.430



13, 26.648, 48.035

Inverse Universe

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



95, 4.004, 239.359



97, 5.066, 239.472



94, 6.170, 283.909



51, 3.235, 239.525



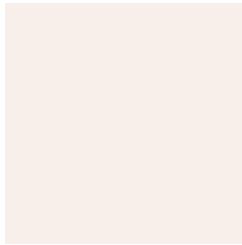
49, 43.251, 266.124



14, 18.042, 258.482

Previews

White Background



This preview shows how the CIELCh color 95, 4.101, 58.014 looks on a white background.

Color Contrast Check

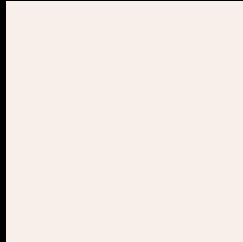
Large Text (above 18pt) WCAG AA × Fail

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, 4.101, 58.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

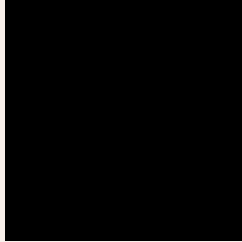
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

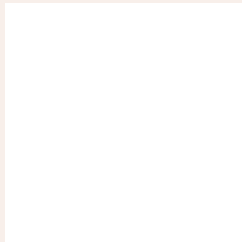
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.101, 58.014

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.101, 58.014.

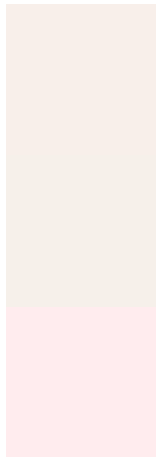


This preview shows how white text looks on a background with the CIELCh color 95, 4.101, 58.014.

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, 4.101, 58.014

Protanopia

95, 3.728, 74.710

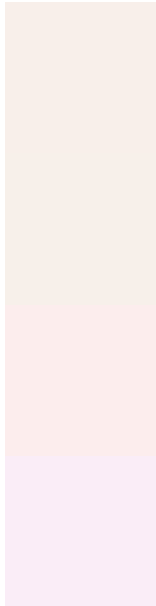
Deuteranopia

95, 6.891, 11.254



Tritanopia
95, 10.683, 320.098

Trichromacy



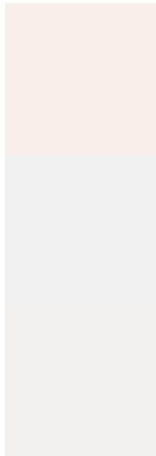
Original Color
95, 4.101, 58.014

Protanomaly
95, 3.944, 70.410

Deuteranomaly
95, 5.372, 19.652

Tritanomaly
95, 6.920, 331.906

Monochromacy



Original Color
95, 4.101, 58.014

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.738, 55.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.101, 58.014 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(248, 239, 234)` looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 234)  
}
```

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(248, 239, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.101, 58.014 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(248, 239, 234) }
```

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

```
.border{ border-color:rgb(248, 239, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 239, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 234);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.101, 58.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 234) }
```

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

```
.background{ background-color: rgb(248,  
239, 234) }
```

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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