

Converting Colors

CIELCh(95, 4.579, 70.908)

Have a look what the booklet for
CIELCh(95, 4.579, 70.908) contains.

CIELCh(95, 4.575, 70.910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 4.575, 70.910)

Conversions

Conversions Part 1

Format	Color
Hex	F7EFE8
RGB	247, 239, 232
RGB Percent	97%, 94%, 91%
CMY	0.0300, 0.0614, 0.0888
CMYK	0.00, 0.03, 0.06, 0.03
HSL	28°, 50%, 94%
HSV	28°, 6%, 97%
XYZ	84.0624, 87.6183, 89.0809
YIQ	240.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

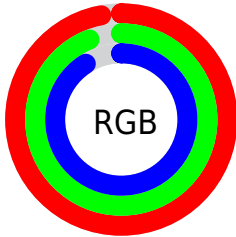
Format	Color
R_{YB}	247, 245, 232
Decimal	16248808
CIE Lab	95.00, 1.50, 4.32
CIE LCh	95, 4.575, 70.910
Yxy	87.6183, 0.3224, 0.3360
Android (android.graphics.Color)	4294438888 (0xFF7EFE8)
YUV	240.5940, -4.2368, 5.6181
Hunter-Lab	93.6047, -3.5049, 9.0987

Details

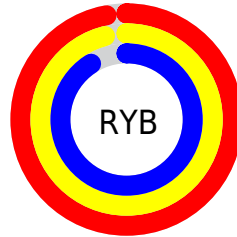
The CIELCh color **95, 4.575, 70.910** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 4.507, 252.604**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 4.823, 70.736** is the 20% darker color. If you saturate the color by 10%, you get **91, 12.447, 69.818**, and if you desaturate by 10%, it is **99, 2.180, 234.807**.

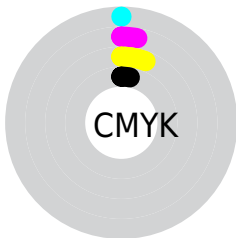
Distribution



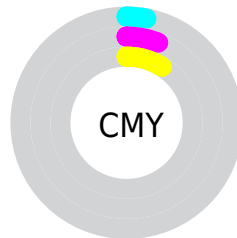
- Red (97%)
- Green (94%)
- Blue (91%)



- Red (97%)
- Yellow (96%)
- Blue (91%)



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















- Cyan (3%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.575, 70.910 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, 4.575, 70.910 by changing the saturation by 10% instead.

 95, 4.575, 70.910	 95, 4.575, 70.910
 100, 4.575, 70.910	 85, 4.575, 70.910
	 75, 4.575, 70.910
	 65, 4.575, 70.910
	 55, 4.575, 70.910
	 45, 4.575, 70.910
	 35, 4.575, 70.910
	 25, 4.575, 70.910
	 15, 4.575, 70.910
	 5, 4.575, 70.910

95, 4.575, 70.910

95, 4.575, 70.910

91, 12.447, 69.818

99, 2.180, 234.807

87, 20.743, 68.636

99, 2.650, 199.487

84, 29.487, 67.446

80, 38.679, 66.259

77, 48.262, 65.066

73, 58.065, 63.833

70, 67.697, 62.464

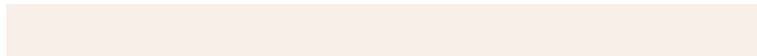
67, 76.371, 60.744

65, 82.851, 58.291

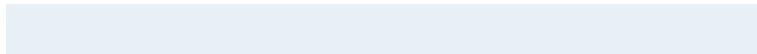
Harmonies

Complementary

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



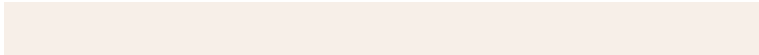
95, 4.575, 70.910



95, 4.507, 252.604

Rectangle

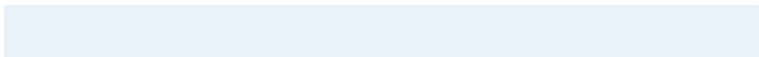
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 4.575, 70.910



95, 4.575, 120.910



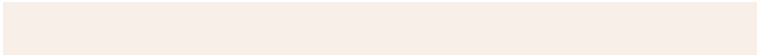
95, 4.575, 250.910



95, 4.575, 300.910

Sweetspot

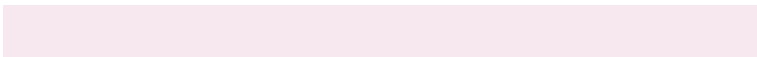
The Sweet Spot groups the original color and five complimentary colors.



95, 4.576, 70.943



99, 1.525, 71.213



93, 6.769, 342.318



53, 0.867, 71.208



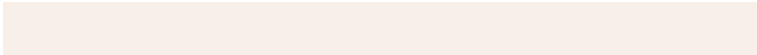
0, 0.000, 0.000



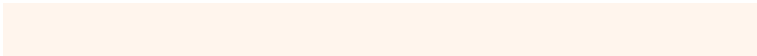
53, 0.007, 296.813

Same Dimension

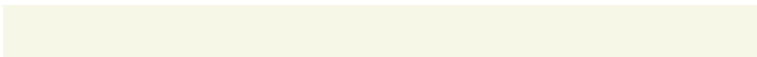
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.576, 70.943



97, 5.426, 70.845



97, 7.387, 108.207



50, 3.415, 70.784



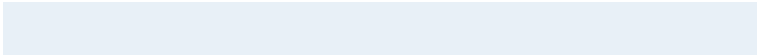
49, 68.286, 57.930



14, 24.681, 58.062

Inverse Universe

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



95, 4.507, 252.604



97, 5.326, 252.714



93, 7.499, 289.458



49, 3.345, 252.783



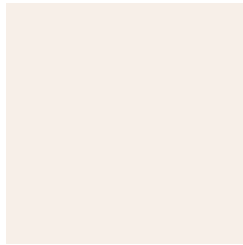
42, 53.350, 280.656



11, 20.908, 273.093

Previews

White Background



This preview shows how the CIE LCh color 95, 4.575, 70.910 looks on a white background.

Color Contrast Check

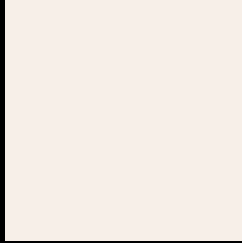
Large Text (above 18pt) WCAG AA × Fail

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, 4.575, 70.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

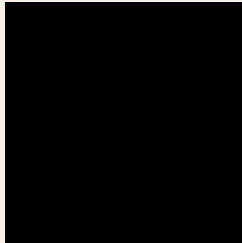
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

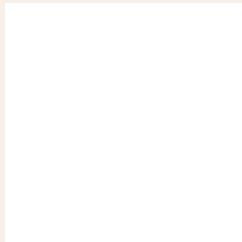
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.575, 70.910

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.575, 70.910.

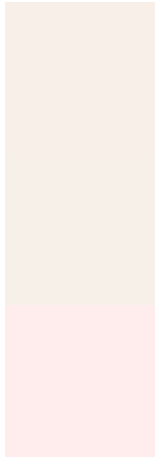


This preview shows how white text looks on a background with the CIELCh color 95, 4.575, 70.910.

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, 4.575, 70.910

Protanopia

95, 4.785, 78.099

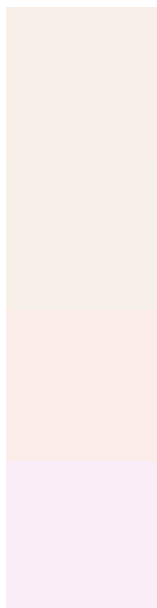
Deuteranopia

95, 6.841, 15.497



Tritanopia
95, 11.131, 318.802

Trichromacy



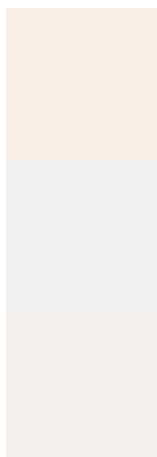
Original Color
95, 4.575, 70.910

Protanomaly
95, 4.785, 78.099

Deuteranomaly
95, 5.478, 30.408

Tritanomaly
95, 6.920, 331.906

Monochromacy



Original Color
95, 4.575, 70.910

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.463, 63.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.575, 70.910 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(247, 239, 232)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 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(247, 239, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.575, 70.910 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(247, 239, 232) }
```

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

```
.border{ border-color:rgb(247, 239, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 239, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 232);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.575, 70.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 232) }
```

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

```
.background{ background-color: rgb(247,  
239, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor