

Converting Colors

CIELCh(95, 7.848, 79.320)

Have a look what the booklet for
CIELCh(95, 7.848, 79.320) contains.

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Color

CIELCh(95, 7.747, 78.530)

Conversions

Conversions Part 1

Format	Color
Hex	FAEFE2
RGB	250, 239, 226
RGB Percent	98%, 94%, 89%
CMY	0.0193, 0.0624, 0.1134
CMYK	0.00, 0.04, 0.10, 0.02
HSL	33°, 71%, 93%
HSV	33°, 10%, 98%
XYZ	84.0856, 87.6183, 84.4918
YIQ	240.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

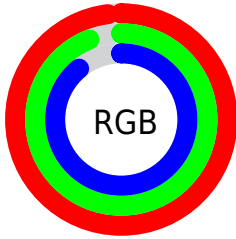
Format	Color
R _Y B	246, 250, 226
Decimal	16445410
CIE Lab	95.00, 1.54, 7.59
CIE LCh	95, 7.747, 78.530
Yxy	87.6183, 0.3282, 0.3420
Android (android.graphics.Color)	4294635490 (0xFFFAEFE2)
YUV	240.8070, -7.2999, 8.0623
Hunter-Lab	93.6047, -3.4606, 12.0054

Details

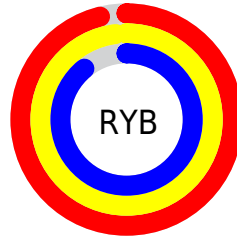
The CIELCh color **95, 7.747, 78.530** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 7.622, 261.154**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.502, 78.710** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.147, 77.279**, and if you desaturate by 10%, it is **98, 0.328, 261.071**.

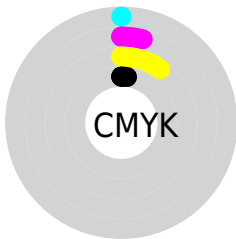
Distribution



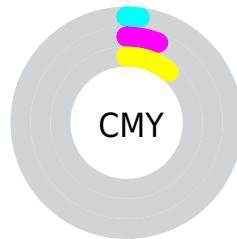
- Red (98%)
- Green (94%)
- Blue (89%)



- Red (96%)
- Yellow (98%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.747, 78.530 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, 7.747, 78.530 by changing the saturation by 10% instead.

 95, 7.747, 78.530	 95, 7.747, 78.530
 100, 7.747, 78.530	 85, 7.747, 78.530
	 75, 7.747, 78.530
	 65, 7.747, 78.530
	 55, 7.747, 78.530
	 45, 7.747, 78.530
	 35, 7.747, 78.530
	 25, 7.747, 78.530
	 15, 7.747, 78.530
	 5, 7.747, 78.530

95, 7.747, 78.530

95, 7.747, 78.530

92, 16.147, 77.279

98, 0.328, 261.071

88, 24.886, 75.963

100, 1.705,
199.686

85, 33.963, 74.617

82, 43.334, 73.243

79, 52.872, 71.821

76, 62.296, 70.302

73, 71.043, 68.567

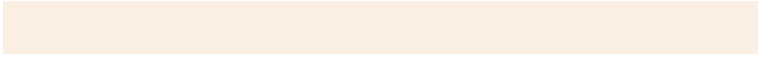
70, 78.151, 66.382

68, 82.782, 63.516

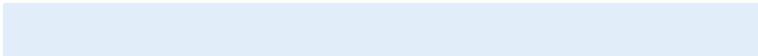
Harmonies

Complementary

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



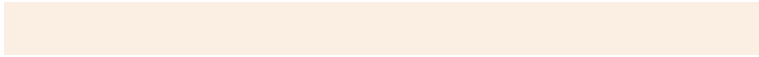
95, 7.747, 78.530



93, 7.622, 261.154

Rectangle

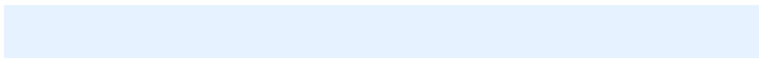
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.747, 78.530



95, 7.747, 128.530



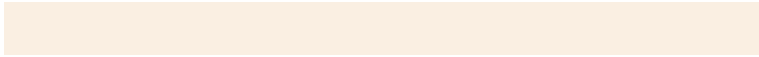
95, 7.747, 258.530



95, 7.747, 308.530

Sweetspot

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



95, 7.748, 78.550



99, 2.423, 79.272



92, 10.377, 346.275



53, 1.841, 79.206



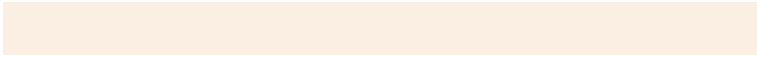
0, 0.000, 0.000



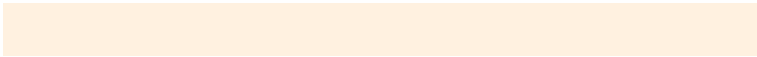
53, 0.007, 296.813

Same Dimension

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



95, 7.748, 78.550



96, 9.890, 78.250



98, 12.199, 110.607



50, 4.585, 78.562



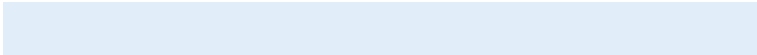
52, 66.960, 64.090



16, 25.891, 65.924

Inverse Universe

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



93, 7.622, 261.154



94, 9.677, 261.502



91, 12.478, 292.437



49, 4.512, 261.140



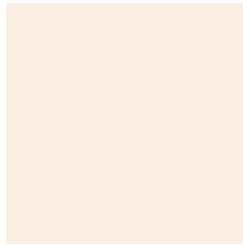
39, 62.635, 287.978



10, 24.739, 281.427

Previews

White Background



This preview shows how the CIELCh color 95, 7.747, 78.530 looks on a white background.

Color Contrast Check

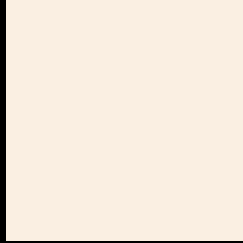
Large Text (above 18pt) WCAG AA × Fail

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, 7.747, 78.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

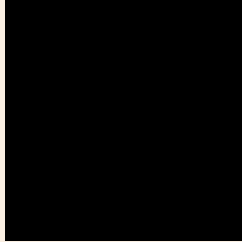
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

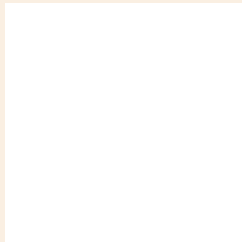
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.747, 78.530

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.747, 78.530.

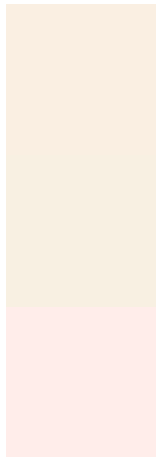


This preview shows how white text looks on a background with the CIELCh color 95, 7.747, 78.530.

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, 7.747, 78.530

Protanopia

95, 7.713, 87.465

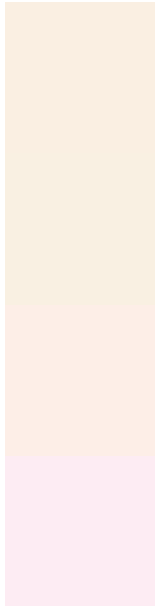
Deuteranopia

95, 6.662, 33.035



Tritanopia
95, 11.446, 326.278

Trichromacy



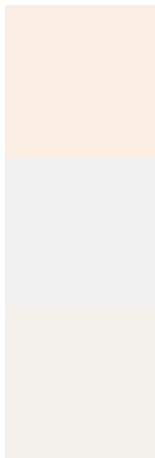
Original Color
95, 7.747, 78.530

Protanomaly
95, 7.856, 84.988

Deuteranomaly
95, 6.487, 53.086

Tritanomaly
95, 7.052, 349.225

Monochromacy



Original Color
95, 7.747, 78.530

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.477, 74.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.747, 78.530 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(250, 239, 226)` looks like.

```
.text, #text, p{  
    color:rgb(250, 239, 226)  
}
```

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(250, 239, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 239, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.747, 78.530 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(250, 239, 226) }
```

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

```
.border{ border-color:rgb(250, 239, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 239, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 239, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 239, 226); box-shadow:4px 4px 4px 4px rgb(250, 239, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.747, 78.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 239, 226) }
```

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

```
.background{ background-color: rgb(250,  
239, 226) }
```

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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