

Converting Colors

CIELCh(95, 7.715, 74.534)

Have a look what the booklet for
CIELCh(95, 7.715, 74.534) contains.

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Color

CIELCh(95, 7.942, 76.259)

Conversions

Conversions Part 1

Format	Color
Hex	FBEFE2
RGB	251, 239, 226
RGB Percent	98%, 94%, 89%
CMY	0.0162, 0.0633, 0.1143
CMYK	0.00, 0.05, 0.10, 0.02
HSL	31°, 75%, 93%
HSV	31°, 10%, 98%
XYZ	84.2676, 87.6183, 84.3231
YIQ	241.1060, 11.3250, -1.4990

Conversions

Conversions Part 2

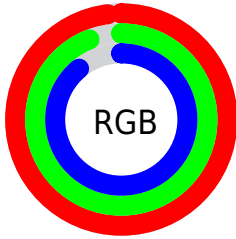
Format	Color
R _Y B	249, 251, 226
Decimal	16510946
CIE Lab	95.00, 1.89, 7.71
CIE LCh	95, 7.942, 76.259
Yxy	87.6183, 0.3289, 0.3420
Android (android.graphics.Color)	4294701026 (0xFFFFBEFE2)
YUV	241.1060, -7.4473, 8.6770
Hunter-Lab	93.6047, -3.1136, 12.1123

Details

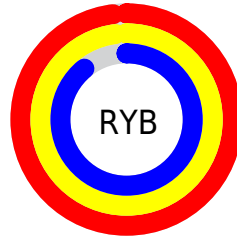
The CIELCh color **95, 7.942, 76.259** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.781, 258.959**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.708, 76.230** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.271, 75.027**, and if you desaturate by 10%, it is **99, 0.037, 268.798**.

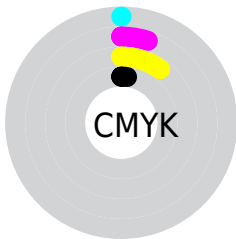
Distribution



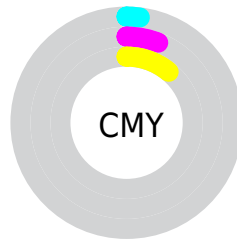
- Red (98%)
- Green (94%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.942, 76.259 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, 7.942, 76.259 by changing the saturation by 10% instead.



95, 7.942, 76.259

95, 7.942, 76.259

91, 16.271, 75.027

99, 0.037, 268.798

88, 24.969, 73.736

100, 1.437,
199.775

85, 34.041, 72.422

81, 43.447, 71.086

78, 53.070, 69.710

75, 62.633, 68.240

72, 71.572, 66.548

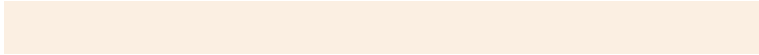
70, 78.902, 64.384

67, 83.803, 61.524

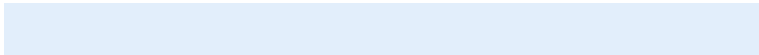
Harmonies

Complementary

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



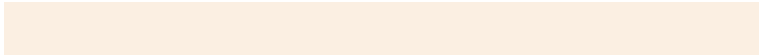
95, 7.942, 76.259



94, 7.781, 258.959

Rectangle

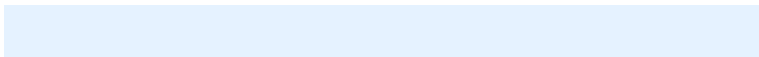
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.942, 76.259



95, 7.942, 126.259



95, 7.942, 256.259



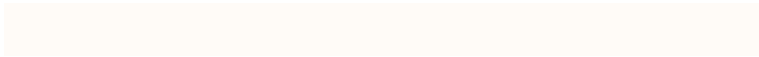
95, 7.942, 306.259

Sweetspot

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



95, 7.943, 76.278



99, 2.382, 77.027



92, 10.924, 345.370



53, 1.810, 76.965



0, 0.000, 0.000



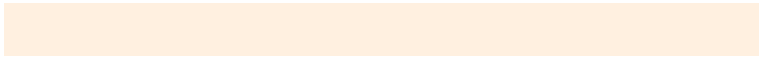
53, 0.007, 296.813

Same Dimension

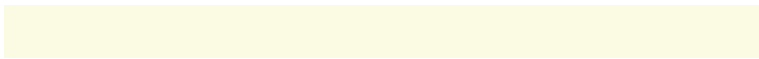
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 7.943, 76.278



96, 9.737, 76.028



98, 12.692, 109.890



50, 4.512, 76.335



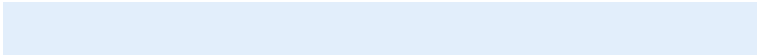
51, 67.461, 62.221



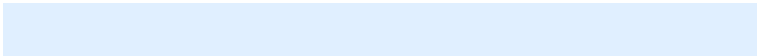
16, 25.841, 63.709

Inverse Universe

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



94, 7.781, 258.959



94, 9.489, 259.252



91, 12.992, 291.850



50, 4.426, 258.894



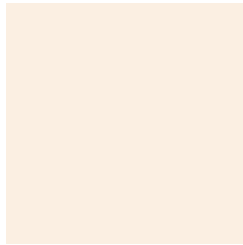
40, 60.041, 286.061



11, 23.800, 279.323

Previews

White Background



This preview shows how the CIELCh color 95, 7.942, 76.259 looks on a white background.

Color Contrast Check

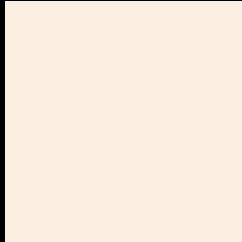
Large Text (above 18pt) WCAG AA × Fail

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, 7.942, 76.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

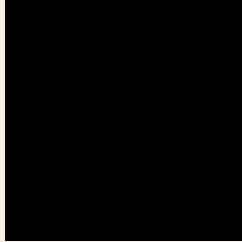
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

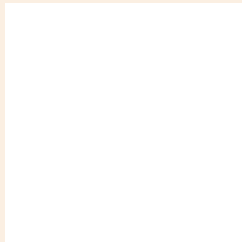
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.942, 76.259

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.942, 76.259.

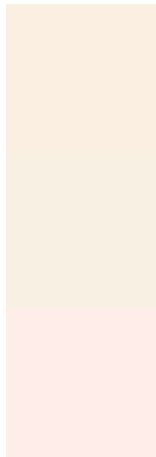


This preview shows how white text looks on a background with the CIELCh color 95, 7.942, 76.259.

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, 7.942, 76.259

Protanopia

95, 7.713, 87.465

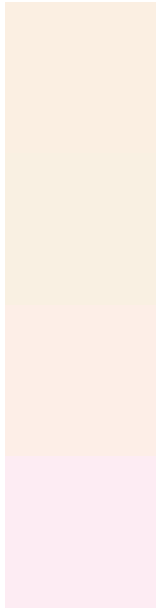
Deuteranopia

95, 6.662, 33.035



Tritanopia
95, 11.655, 327.699

Trichromacy



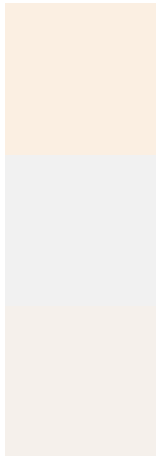
Original Color
95, 7.942, 76.259

Protanomaly
95, 7.856, 84.988

Deuteranomaly
95, 6.487, 53.086

Tritanomaly
95, 7.052, 349.225

Monochromacy



Original Color
95, 7.942, 76.259

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.102, 74.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.942, 76.259 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, 239, 226)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 239, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 239, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.942, 76.259 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, 239, 226) }
```

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

```
.border{ border-color:rgb(251, 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(251, 239, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 239, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 239, 226);  
box-shadow:4px 4px 4px 4px rgb(251, 239,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.942, 76.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 239, 226) }
```

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

```
.background{ background-color: rgb(251,  
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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