

Converting Colors

CIELCh(95, 8.974, 75.357)

Have a look what the booklet for
CIELCh(95, 8.974, 75.357) contains.

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Color

CIELCh(95, 9.012, 77.738)

Conversions

Conversions Part 1

Format	Color
Hex	FCEFE0
RGB	252, 239, 224
RGB Percent	99%, 94%, 88%
CMY	0.0127, 0.0636, 0.1225
CMYK	0.00, 0.05, 0.11, 0.01
HSL	32°, 81%, 93%
HSV	32°, 11%, 99%
XYZ	84.2820, 87.6183, 82.8284
YIQ	241.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

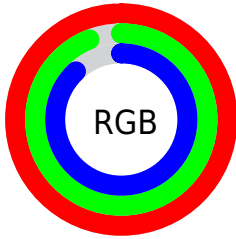
Format	Color
R_{YB}	248, 252, 224
Decimal	16576480
CIE _{Lab}	95.00, 1.91, 8.81
CIE _{LCh}	95, 9.012, 77.738
Yxy	87.6183, 0.3309, 0.3440
Android (android.graphics.Color)	4294766560 (0xFFFFCEFE0)
YUV	241.1770, -8.4683, 9.4918
Hunter-Lab	93.6047, -3.0860, 13.0591

Details

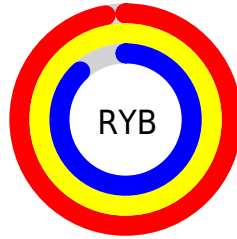
The CIELCh color **95, 9.012, 77.738** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.827, 260.760**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 8.837, 77.765** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.480, 76.480**, and if you desaturate by 10%, it is **98, 0.881, 78.607**.

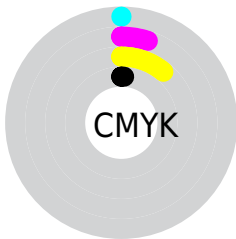
Distribution



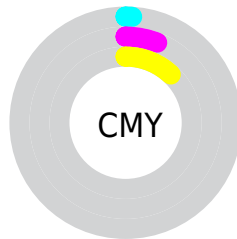
- Red (99%)
- Green (94%)
- Blue (88%)



- Red (97%)
- Yellow (99%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (1%)










- Cyan (1%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.012, 77.738 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, 9.012, 77.738 by changing the saturation by 10% instead.

 95, 9.012, 77.738	 95, 9.012, 77.738
 100, 9.012, 77.738	 85, 9.012, 77.738
	 75, 9.012, 77.738
	 65, 9.012, 77.738
	 55, 9.012, 77.738
	 45, 9.012, 77.738
	 35, 9.012, 77.738
	 25, 9.012, 77.738
	 15, 9.012, 77.738
	 5, 9.012, 77.738

95, 9.012, 77.738

95, 9.012, 77.738

92, 17.480, 76.480

98, 0.881, 78.607

88, 26.298, 75.165

100, 1.124,
199.924

85, 35.463, 73.823

82, 44.923, 72.453

79, 54.537, 71.032

76, 63.990, 69.503

73, 72.663, 67.729

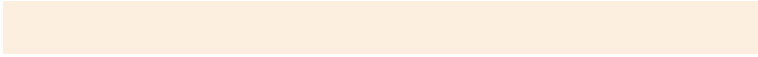
70, 79.528, 65.453

68, 83.557, 62.863

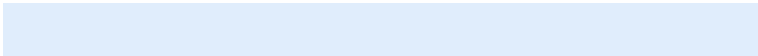
Harmonies

Complementary

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



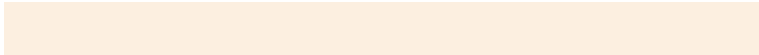
95, 9.012, 77.738



93, 8.827, 260.760

Rectangle

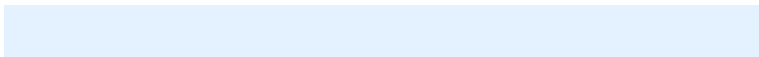
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 9.012, 77.738



95, 9.012, 127.738



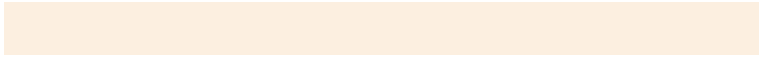
95, 9.012, 257.738



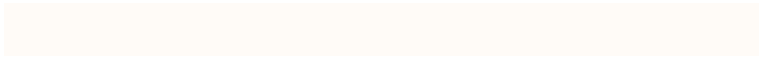
95, 9.012, 307.738

Sweetspot

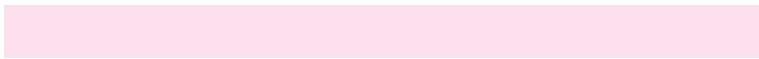
The Sweet Spot groups the original color and five complimentary colors.



95, 9.013, 77.755



99, 2.411, 78.661



92, 12.111, 346.422



53, 1.832, 78.596



0, 0.000, 0.000



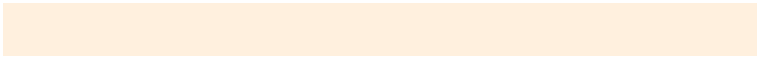
53, 0.007, 296.813

Same Dimension

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



95, 9.013, 77.755



95, 10.690, 77.519



98, 14.206, 110.467



50, 4.564, 77.956



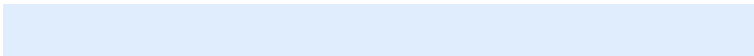
52, 67.090, 63.570



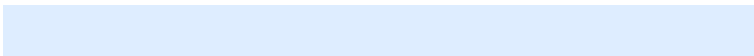
16, 25.874, 65.313

Inverse Universe

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



93, 8.827, 260.760



93, 10.424, 261.040



90, 14.578, 292.600



49, 4.487, 260.529



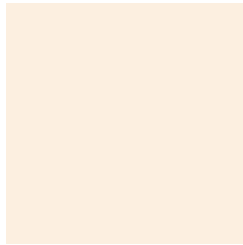
39, 61.915, 287.464



10, 24.477, 280.861

Previews

White Background



This preview shows how the CIELCh color 95, 9.012, 77.738 looks on a white background.

Color Contrast Check

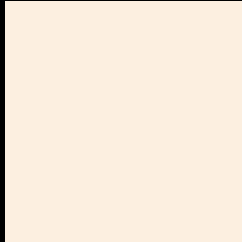
Large Text (above 18pt) WCAG AA × Fail

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, 9.012, 77.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

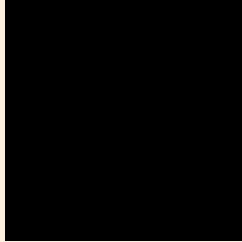
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 9.012, 77.738

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.012, 77.738.

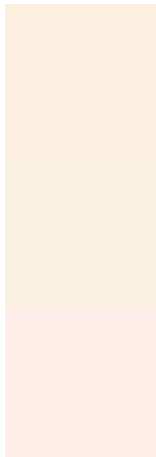


This preview shows how white text looks on a background with the CIELCh color 95, 9.012, 77.738.

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, 9.012, 77.738

Protanopia

95, 8.802, 87.629

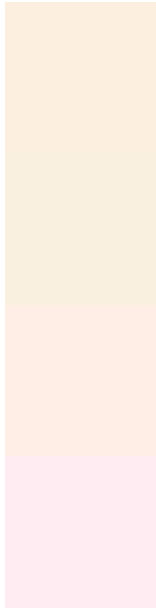
Deuteranopia

95, 6.806, 37.203



Tritanopia
95, 11.254, 329.283

Trichromacy



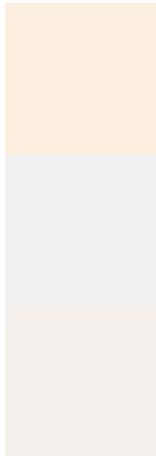
Original Color
95, 9.012, 77.738

Protanomaly
95, 8.945, 85.442

Deuteranomaly
95, 7.086, 54.866

Tritanomaly
95, 7.130, 354.279

Monochromacy



Original Color
95, 9.012, 77.738

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, 9.012, 77.738 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(252, 239, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 239, 224)  
}
```

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(252, 239, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 239, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.012, 77.738 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(252, 239, 224) }
```

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

```
.border{ border-color:rgb(252, 239, 224) }
```

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

Here you see how a box with a 4 pixel rgb(252, 239, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 239, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 239, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 239,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.012, 77.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 239, 224) }
```

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

```
.background{ background-color: rgb(252,  
239, 224) }
```

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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