

Converting Colors

CIELCh(95, 7.137, 90.161)

Have a look what the booklet for
CIELCh(95, 7.137, 90.161) contains.

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Color

CIELCh(95, 7.102, 88.712)

Conversions

Conversions Part 1

Format	Color
Hex	F7F0E3
RGB	247, 240, 227
RGB Percent	97%, 94%, 89%
CMY	0.0315, 0.0589, 0.1099
CMYK	0.00, 0.03, 0.08, 0.03
HSL	39°, 55%, 93%
HSV	39°, 8%, 97%
XYZ	83.3620, 87.6183, 85.1723
YIQ	240.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

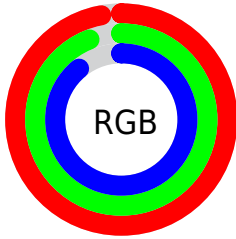
Format	Color
R _Y B	238, 247, 227
Decimal	16249059
CIE Lab	95.00, 0.16, 7.10
CIE LCh	95, 7.102, 88.712
Yxy	87.6183, 0.3254, 0.3421
Android (android.graphics.Color)	4294439139 (0xFFFF7F0E3)
YUV	240.6110, -6.7102, 5.6032
Hunter-Lab	93.6047, -4.8405, 11.5744

Details

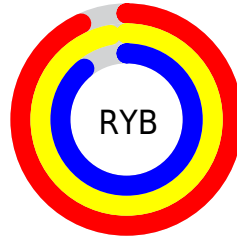
The CIELCh color **95, 7.102, 88.712** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 7.096, 270.894**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.973, 86.939** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.077, 87.457**, and if you desaturate by 10%, it is **98, 1.662, 270.202**.

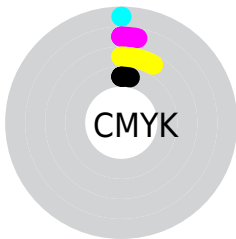
Distribution



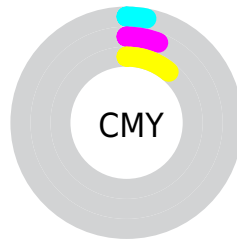
- Red (97%)
- Green (94%)
- Blue (89%)



- Red (93%)
- Yellow (97%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (3%)















- Cyan (3%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.102, 88.712 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, 7.102, 88.712 by changing the saturation by 10% instead.

	95, 7.102, 88.712		95, 7.102, 88.712
	100, 7.102, 88.712		85, 7.102, 88.712
			75, 7.102, 88.712
			65, 7.102, 88.712
			55, 7.102, 88.712
			45, 7.102, 88.712
			35, 7.102, 88.712
			25, 7.102, 88.712
			15, 7.102, 88.712
			5, 7.102, 88.712

95, 7.102, 88.712

95, 7.102, 88.712

92, 16.077, 87.457

98, 1.662, 270.202

90, 25.252, 86.124

99, 2.779, 199.467

87, 34.597, 84.747

85, 44.035, 83.327

82, 53.398, 81.852

80, 62.367, 80.291

78, 70.369, 78.567

75, 76.525, 76.535

73, 80.002, 74.000

Harmonies

Complementary

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



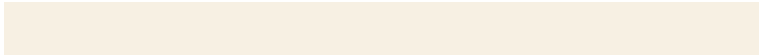
95, 7.102, 88.712



93, 7.096, 270.894

Rectangle

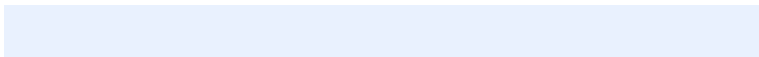
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



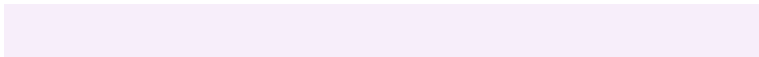
95, 7.102, 88.712



95, 7.102, 138.712



95, 7.102, 268.712



95, 7.102, 318.712

Sweetspot

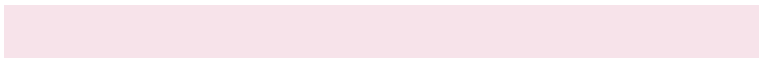
The Sweet Spot groups the original color and five complimentary colors.



95, 7.103, 88.731



99, 1.780, 89.370



92, 8.052, 353.281



53, 1.011, 89.374



0, 0.000, 0.000



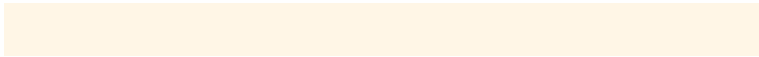
53, 0.007, 296.813

Same Dimension

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



95, 7.103, 88.731



97, 9.026, 88.494



97, 10.255, 115.456



50, 4.959, 88.560



56, 65.121, 74.076



17, 25.561, 76.827

Inverse Universe

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



93, 7.096, 270.894



94, 9.003, 271.158



91, 10.451, 296.692



48, 4.949, 271.083



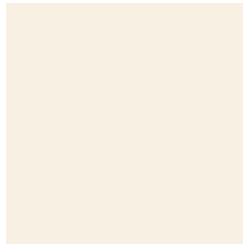
33, 75.238, 295.677



8, 28.710, 289.704

Previews

White Background



This preview shows how the CIELCh color 95, 7.102, 88.712 looks on a white background.

Color Contrast Check

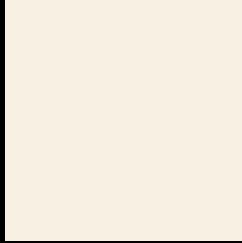
Large Text (above 18pt) WCAG AA × Fail

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, 7.102, 88.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

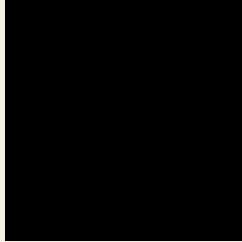
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 7.102, 88.712

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.102, 88.712.

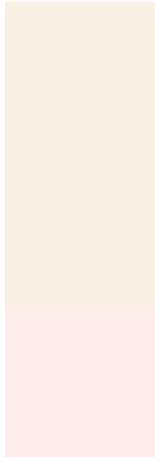


This preview shows how white text looks on a background with the CIELCh color 95, 7.102, 88.712.

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, 7.102, 88.712

Protanopia

95, 7.238, 86.009

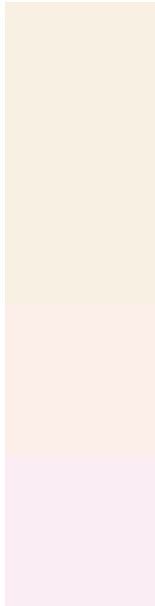
Deuteranopia

95, 6.555, 28.706



Tritanopia
95, 10.683, 320.098

Trichromacy



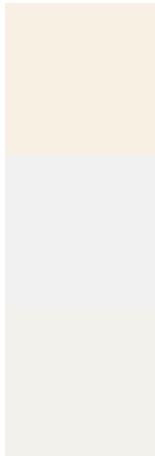
Original Color
95, 7.102, 88.712

Protanomaly
95, 7.238, 86.009

Deuteranomaly
95, 5.897, 50.934

Tritanomaly
95, 5.869, 341.972

Monochromacy



Original Color
95, 7.102, 88.712

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.642, 94.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.102, 88.712 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, 240, 227)` looks like.

```
.text, #text, p{  
    color:rgb(247, 240, 227)  
}
```

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, 240, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 240, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.102, 88.712 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, 240, 227) }
```

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

```
.border{ border-color:rgb(247, 240, 227) }
```

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

Here you see how a box with a 4 pixel rgb(247, 240, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 240, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 240, 227);  
box-shadow:4px 4px 4px 4px rgb(247, 240,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.102, 88.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 240, 227) }
```

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

```
.background{ background-color: rgb(247,  
240, 227) }
```

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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