

Converting Colors

CIELCh(97, 13.611, 43.299)

Have a look what the booklet for
CIELCh(97, 13.611, 43.299) contains.

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Color

CIELCh(95, 7.729, 60.959)

Conversions

Conversions Part 1

Format	Color
Hex	FEEEE4
RGB	254, 238, 228
RGB Percent	100%, 93%, 89%
CMY	0.0049, 0.0676, 0.1068
CMYK	0.00, 0.06, 0.10, 0.00
HSL	23°, 91%, 94%
HSV	23°, 10%, 100%
XYZ	85.2532, 87.6183, 85.6487
YIQ	241.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 244, 228
Decimal	16707300
CIE Lab	95.00, 3.75, 6.76
CIE LCh	95, 7.729, 60.959
Yxy	87.6183, 0.3298, 0.3389
Android (android.graphics.Color)	4294897380 (0xFFEEEE4)
YUV	241.6440, -6.7265, 10.8362
Hunter-Lab	93.6047, -1.2341, 11.2726

Details

The CIELCh color **95, 7.729, 60.959** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **95, 7.398, 243.237**, 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, 7.522, 59.655** is the 20% darker color. If you saturate the color by 10%, you get **91, 15.796, 60.055**, and if you desaturate by 10%, it is **99, 0.166, 58.750**.

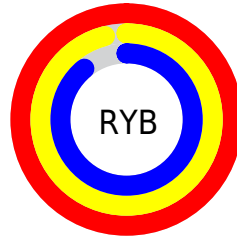
Distribution



Red (100%)

Green (93%)

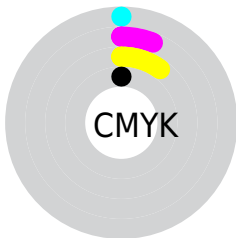
Blue (89%)



Red (100%)

Yellow (96%)

Blue (89%)



Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.729, 60.959 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, 7.729, 60.959 by changing the saturation by 10% instead.

 95, 7.729, 60.959	 95, 7.729, 60.959
 100, 7.729, 60.959	 85, 7.729, 60.959
	 75, 7.729, 60.959
	 65, 7.729, 60.959
	 55, 7.729, 60.959
	 45, 7.729, 60.959
	 35, 7.729, 60.959
	 25, 7.729, 60.959
	 15, 7.729, 60.959
	 5, 7.729, 60.959

95, 7.729, 60.959

95, 7.729, 60.959

91, 15.796, 60.055

99, 0.166, 58.750

86, 24.414, 59.140

100, 0.438,
200.892

82, 33.617, 58.266

78, 43.408, 57.443

74, 53.716, 56.664

71, 64.329, 55.878

67, 74.736, 54.943

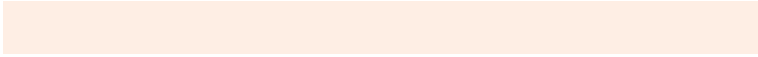
64, 83.888, 53.532

61, 90.505, 51.404

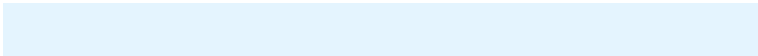
Harmonies

Complementary

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



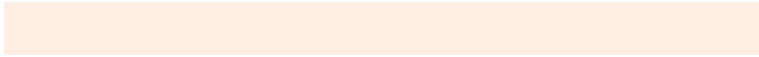
95, 7.729, 60.959



95, 7.398, 243.237

Rectangle

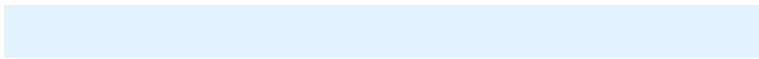
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.729, 60.959



95, 7.729, 110.959



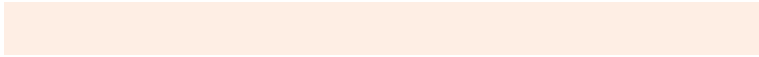
95, 7.729, 240.959



95, 7.729, 290.959

Sweetspot

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



95, 7.729, 60.980



99, 2.218, 61.512



93, 12.412, 338.599



52, 1.687, 61.486



0, 0.000, 0.000



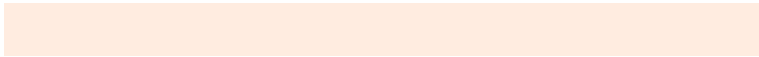
53, 0.007, 296.813

Same Dimension

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



95, 7.729, 60.980



95, 9.151, 60.819



98, 11.690, 103.880



51, 4.300, 61.045



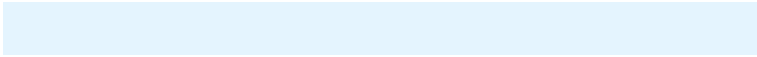
47, 72.747, 52.060



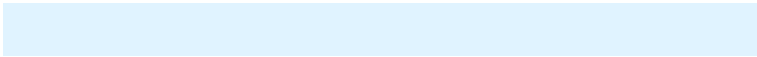
14, 27.594, 50.833

Inverse Universe

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



95, 7.398, 243.237



95, 8.685, 243.443



92, 11.902, 286.161



51, 4.131, 243.156



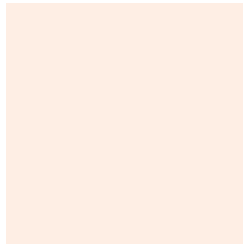
48, 46.120, 270.330



15, 19.410, 263.091

Previews

White Background



This preview shows how the CIE LCh color 95, 7.729, 60.959 looks on a white background.

Color Contrast Check

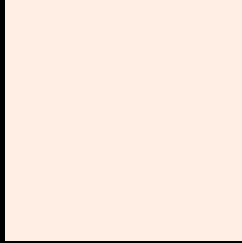
Large Text (above 18pt) WCAG AA × Fail

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, 7.729, 60.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

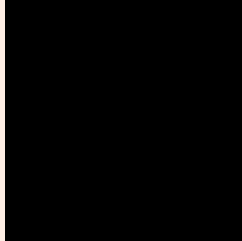
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 7.729, 60.959

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.729, 60.959.

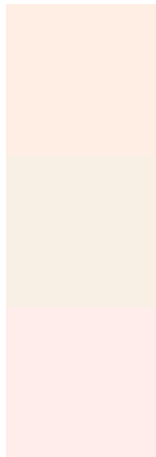


This preview shows how white text looks on a background with the CIELCh color 95, 7.729, 60.959.

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, 7.736, 60.956

Protanopia

95, 6.308, 82.427

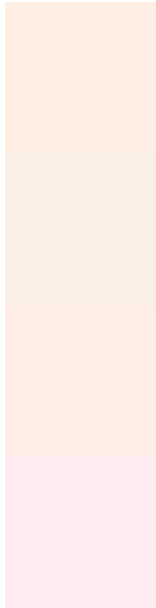
Deuteranopia

95, 6.555, 28.706



Tritanopia
95, 10.862, 330.985

Trichromacy



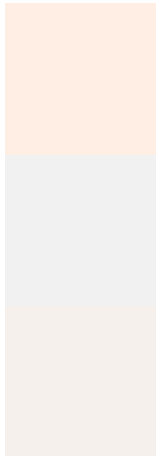
Original Color
95, 7.736, 60.956

Protanomaly
95, 6.466, 71.724

Deuteranomaly
95, 6.985, 41.174

Tritanomaly
95, 7.676, 352.016

Monochromacy



Original Color
95, 7.736, 60.956

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.944, 63.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.729, 60.959 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(254, 238, 228)` looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 228)  
}
```

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(254, 238, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.729, 60.959 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(254, 238, 228) }
```

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

```
.border{ border-color:rgb(254, 238, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 238, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 238, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 238, 228); box-shadow:4px 4px 4px 4px rgb(254, 238, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.729, 60.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 238, 228) }
```

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

```
.background{ background-color: rgb(254,  
238, 228) }
```

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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