

Converting Colors

CIELCh(95, 8.229, 52.058)

Have a look what the booklet for
CIELCh(95, 8.229, 52.058) contains.

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Color

CIELCh(95, 7.999, 54.786)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE4
RGB	255, 237, 228
RGB Percent	100%, 93%, 89%
CMY	0.0000, 0.0697, 0.1050
CMYK	0.00, 0.07, 0.10, 0.00
HSL	20°, 100%, 95%
HSV	20°, 10%, 100%
XYZ	85.7104, 87.6183, 85.9581
YIQ	241.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 242, 228
Decimal	16772580
CIE Lab	95.00, 4.61, 6.54
CIE LCh	95, 7.999, 54.786
Yxy	87.6183, 0.3306, 0.3379
Android (android.graphics.Color)	4294962660 (0xFFFFE4E4)
YUV	241.3560, -6.5845, 11.9658
Hunter-Lab	93.6047, -0.3621, 11.0767

Details

The CIELCh color **95, 7.999, 54.786** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 7.523, 237.122**, 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, 7.827, 53.065** is the 20% darker color. If you saturate the color by 10%, you get **90, 16.055, 54.432**, and if you desaturate by 10%, it is **100, 0.359, 54.414**.

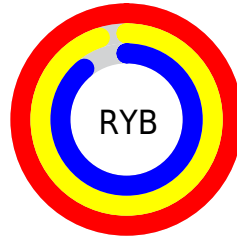
Distribution



Red (100%)

Green (93%)

Blue (89%)



Red (100%)

Yellow (95%)

Blue (89%)



Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.999, 54.786 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, 7.999, 54.786 by changing the saturation by 10% instead.

 95, 7.999, 54.786	 95, 7.999, 54.786
 100, 7.999, 54.786	 85, 7.999, 54.786
	 75, 7.999, 54.786
	 65, 7.999, 54.786
	 55, 7.999, 54.786
	 45, 7.999, 54.786
	 35, 7.999, 54.786
	 25, 7.999, 54.786
	 15, 7.999, 54.786
	 5, 7.999, 54.786

95, 7.999, 54.786

95, 7.999, 54.786

90, 16.055, 54.432

100, 0.359, 54.414

86, 24.793, 53.739

100, 0.012,
296.813

81, 34.182, 53.117

77, 44.229, 52.584

73, 54.869, 52.137

69, 65.896, 51.730

65, 76.799, 51.217

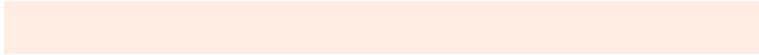
62, 86.482, 50.248

60, 93.366, 48.592

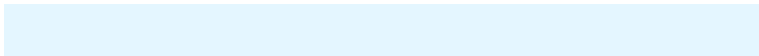
Harmonies

Complementary

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



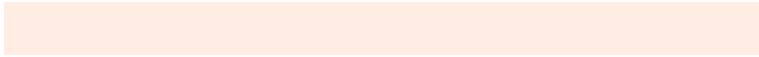
95, 7.999, 54.786



96, 7.523, 237.122

Rectangle

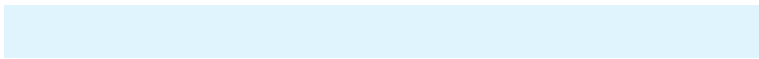
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.999, 54.786



95, 7.999, 104.786



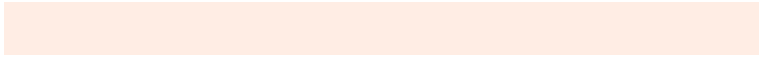
95, 7.999, 234.786



95, 7.999, 284.786

Sweetspot

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



95, 7.929, 55.160



99, 2.203, 55.571



93, 13.247, 336.385



52, 1.675, 55.562



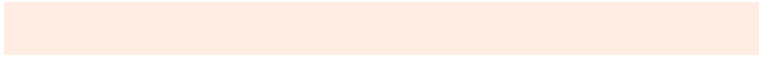
0, 0.000, 0.000



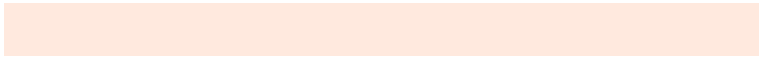
53, 0.007, 296.813

Same Dimension

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



95, 7.929, 55.160



94, 9.907, 54.979



98, 11.431, 101.151



51, 4.278, 55.231



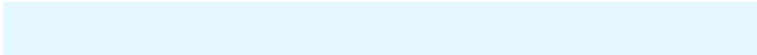
45, 74.725, 49.208



13, 28.102, 46.688

Inverse Universe

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



96, 7.523, 237.122



95, 9.269, 237.373



93, 11.604, 283.595



51, 4.081, 237.028



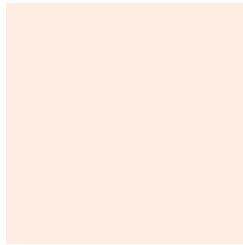
51, 42.026, 262.728



16, 18.050, 255.492

Previews

White Background



This preview shows how the CIE LCh color 95, 7.999, 54.786 looks on a white background.

Color Contrast Check

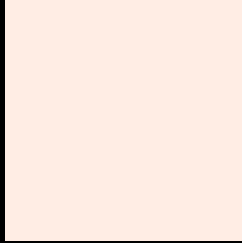
Large Text (above 18pt) WCAG AA × Fail

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, 7.999, 54.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

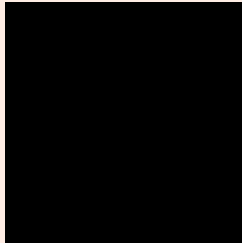
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

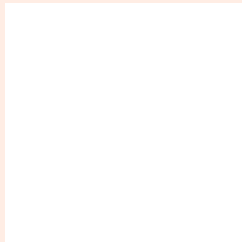
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.999, 54.786

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.999, 54.786.

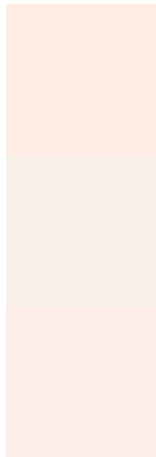


This preview shows how white text looks on a background with the CIELCh color 95, 7.999, 54.786.

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, 7.999, 54.786

Protanopia

95, 5.687, 83.397

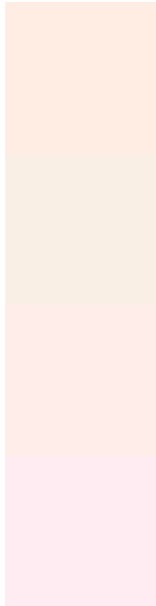
Deuteranopia

95, 6.555, 28.706



Tritanopia
95, 10.481, 332.816

Trichromacy



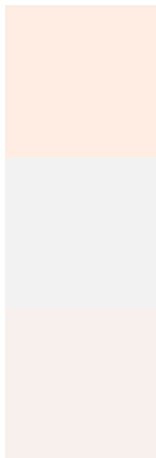
Original Color
95, 7.999, 54.786

Protanomaly
95, 6.466, 71.724

Deuteranomaly
95, 6.806, 37.203

Tritanomaly
95, 7.455, 355.504

Monochromacy



Original Color
95, 7.999, 54.786

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.915, 51.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.999, 54.786 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(255, 237, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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(255, 237, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.999, 54.786 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(255, 237, 228) }
```

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

```
.border{ border-color:rgb(255, 237, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.999, 54.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 228) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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