

Converting Colors

CIELCh(97, 14.097, 42.812)

Have a look what the booklet for
CIELCh(97, 14.097, 42.812) contains.

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Color

CIELCh(95, 8.083, 63.617)

Conversions

Conversions Part 1

Format	Color
Hex	FEEEE3
RGB	254, 238, 227
RGB Percent	100%, 93%, 89%
CMY	0.0047, 0.0673, 0.1104
CMYK	0.00, 0.06, 0.11, 0.00
HSL	24°, 92%, 94%
HSV	24°, 11%, 100%
XYZ	85.1683, 87.6183, 84.9771
YIQ	241.5300, 13.0670, -0.0290

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 246, 227
Decimal	16707299
CIE Lab	95.00, 3.59, 7.24
CIE LCh	95, 8.083, 63.617
Yxy	87.6183, 0.3304, 0.3399
Android (android.graphics.Color)	4294897379 (0xFFEEEE3)
YUV	241.5300, -7.1633, 10.9362
Hunter-Lab	93.6047, -1.3959, 11.6980

Details

The CIELCh color **95, 8.083, 63.617** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.752, 246.111**, 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, 7.888, 62.561** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.191, 62.632**, and if you desaturate by 10%, it is **99, 0.456, 63.599**.

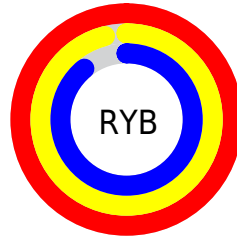
Distribution



Red (100%)

Green (93%)

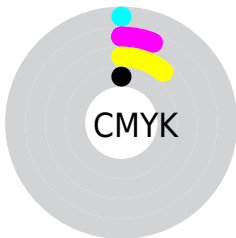
Blue (89%)



Red (100%)

Yellow (96%)

Blue (89%)



Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (0%)



Cyan (0%)













Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.083, 63.617 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, 8.083, 63.617 by changing the saturation by 10% instead.

 95, 8.083, 63.617	 95, 8.083, 63.617
 100, 8.083, 63.617	 85, 8.083, 63.617
	 75, 8.083, 63.617
	 65, 8.083, 63.617
	 55, 8.083, 63.617
	 45, 8.083, 63.617
	 35, 8.083, 63.617
	 25, 8.083, 63.617
	 15, 8.083, 63.617
	 5, 8.083, 63.617

95, 8.083, 63.617

95, 8.083, 63.617

91, 16.191, 62.632

99, 0.456, 63.599

87, 24.824, 61.628

100, 0.414,
200.980

83, 34.011, 60.652

79, 43.747, 59.713

75, 53.952, 58.799

71, 64.396, 57.853

68, 74.543, 56.728

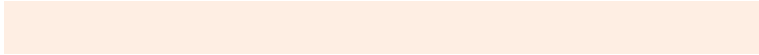
65, 83.329, 55.102

62, 89.377, 52.875

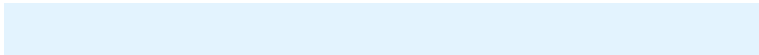
Harmonies

Complementary

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



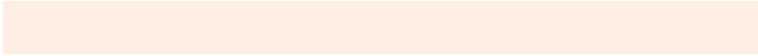
95, 8.083, 63.617



95, 7.752, 246.111

Rectangle

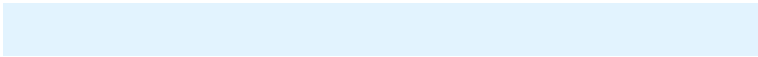
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.083, 63.617



95, 8.083, 113.617



95, 8.083, 243.617



95, 8.083, 293.617

Sweetspot

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



95, 8.083, 63.637



99, 2.234, 64.265



93, 12.744, 339.413



52, 1.699, 64.231



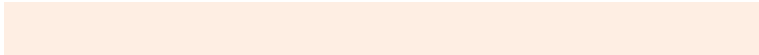
0, 0.000, 0.000



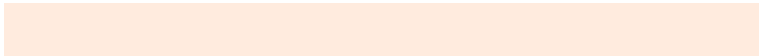
53, 0.007, 296.813

Same Dimension

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



95, 8.083, 63.637



94, 10.000, 63.401



98, 12.351, 104.677



51, 4.326, 63.746



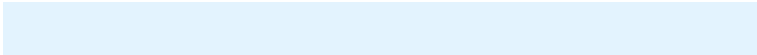
48, 71.848, 53.550



15, 27.402, 52.899

Inverse Universe

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



95, 7.752, 246.111



94, 9.489, 246.411



92, 12.594, 287.014



51, 4.170, 245.977



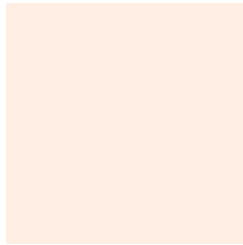
47, 48.289, 273.517



14, 20.155, 266.358

Previews

White Background



This preview shows how the CIELCh color 95, 8.083, 63.617 looks on a white background.

Color Contrast Check

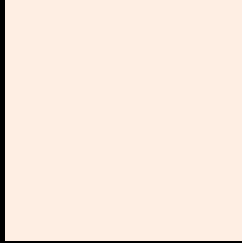
Large Text (above 18pt) WCAG AA × Fail

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, 8.083, 63.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

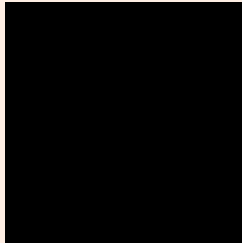
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.083, 63.617

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.083, 63.617.



This preview shows how white text looks on a background with the CIELCh color 95, 8.083, 63.617.

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](#).

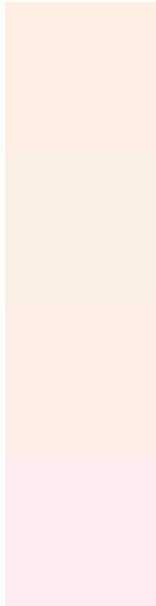
Dichromacy





Tritanopia
95, 10.862, 330.985

Trichromacy



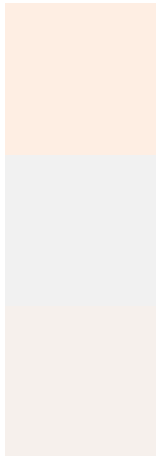
Original Color
95, 8.090, 63.613

Protanomaly
95, 6.881, 74.278

Deuteranomaly
95, 7.197, 44.927

Tritanomaly
95, 7.455, 355.504

Monochromacy



Original Color
95, 8.090, 63.613

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, 8.083, 63.617 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 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(254, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.083, 63.617 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, 227) }
```

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

```
.border{ border-color:rgb(254, 238, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.083, 63.617 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, 227) }
```

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

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