

Converting Colors

CIELCh(95, 8.333, 58.256)

Have a look what the booklet for
CIELCh(95, 8.333, 58.256) contains.

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Color

CIELCh(95, 8.313, 57.612)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE3
RGB	255, 237, 227
RGB Percent	100%, 93%, 89%
CMY	0.0000, 0.0694, 0.1087
CMYK	0.00, 0.07, 0.11, 0.00
HSL	22°, 100%, 95%
HSV	22°, 11%, 100%
XYZ	85.6255, 87.6183, 85.2838
YIQ	241.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

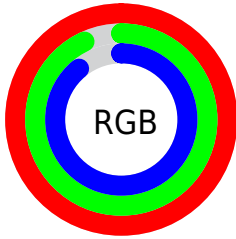
Format	Color
R_{YB}	255, 243, 227
Decimal	16772579
CIE Lab	95.00, 4.45, 7.02
CIE LCh	95, 8.313, 57.612
Yxy	87.6183, 0.3312, 0.3389
Android (android.graphics.Color)	4294962659 (0xFFFFE3E3)
YUV	241.2420, -7.0213, 12.0658
Hunter-Lab	93.6047, -0.5241, 11.5038

Details

The CIELCh color **95, 8.313, 57.612** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **96, 7.818, 240.325**, 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, 8.147, 56.145** is the 20% darker color. If you saturate the color by 10%, you get **90, 16.356, 57.270**, and if you desaturate by 10%, it is **100, 0.628, 58.173**.

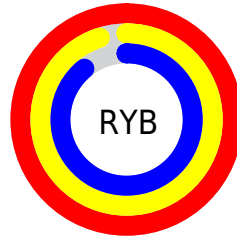
Distribution



Red (100%)

Green (93%)

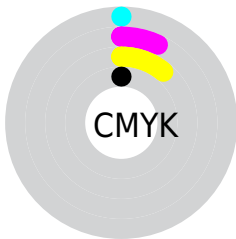
Blue (89%)



Red (100%)

Yellow (95%)

Blue (89%)

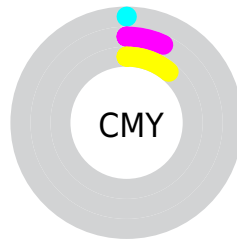


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (0%)



Cyan (0%)




Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.313, 57.612 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, 8.313, 57.612 by changing the saturation by 10% instead.

 95, 8.313, 57.612	 95, 8.313, 57.612
 100, 8.313, 57.612	 85, 8.313, 57.612
	 75, 8.313, 57.612
	 65, 8.313, 57.612
	 55, 8.313, 57.612
	 45, 8.313, 57.612
	 35, 8.313, 57.612
	 25, 8.313, 57.612
	 15, 8.313, 57.612
	 5, 8.313, 57.612

95, 8.313, 57.612

95, 8.313, 57.612

90, 16.356, 57.270

100, 0.628, 58.173

86, 25.072, 56.461

100, 0.012,
296.813

82, 34.410, 55.707

77, 44.370, 55.023

73, 54.883, 54.402

70, 65.728, 53.791

66, 76.373, 53.039

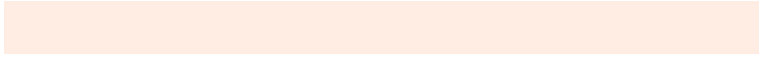
63, 85.710, 51.797

61, 92.075, 49.970

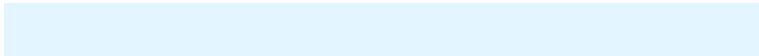
Harmonies

Complementary

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



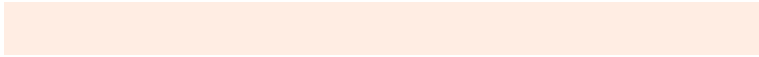
95, 8.313, 57.612



96, 7.818, 240.325

Rectangle

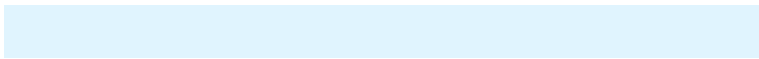
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.313, 57.612



95, 8.313, 107.612



95, 8.313, 237.612



95, 8.313, 287.612

Sweetspot

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



95, 8.225, 58.105



99, 2.208, 58.623



93, 13.552, 337.141



52, 1.679, 58.605



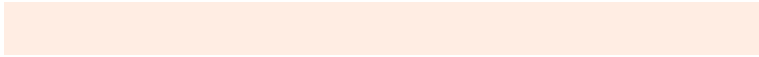
0, 0.000, 0.000



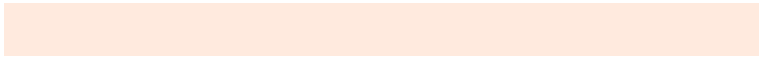
53, 0.007, 296.813

Same Dimension

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



95, 8.225, 58.105



94, 9.915, 57.928



98, 12.038, 102.042



51, 4.284, 58.215



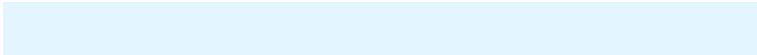
46, 73.705, 50.614



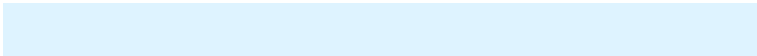
14, 27.826, 48.765

Inverse Universe

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



96, 7.818, 240.325



95, 9.319, 240.562



92, 12.240, 284.539



51, 4.101, 240.182



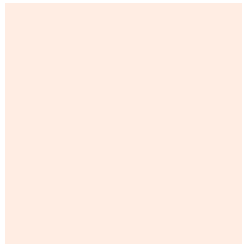
49, 44.028, 266.763



15, 18.707, 259.492

Previews

White Background



This preview shows how the CIE LCh color 95, 8.313, 57.612 looks on a white background.

Color Contrast Check

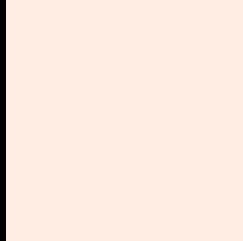
Large Text (above 18pt) WCAG AA × Fail

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, 8.313, 57.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

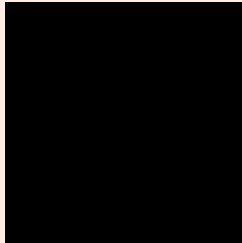
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.313, 57.612

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.313, 57.612.

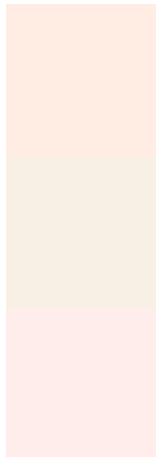


This preview shows how white text looks on a background with the CIELCh color 95, 8.313, 57.612.

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, 8.313, 57.612

Protanopia

95, 6.308, 82.427

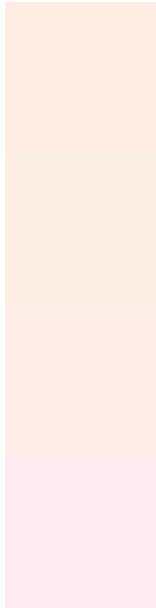
Deuteranopia

95, 6.555, 28.706



Tritanopia
95, 10.481, 332.816

Trichromacy



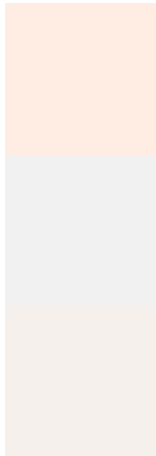
Original Color
95, 8.313, 57.612

Protanomaly
95, 7.099, 71.867

Deuteranomaly
95, 6.985, 41.174

Tritanomaly
95, 7.455, 355.504

Monochromacy



Original Color
95, 8.313, 57.612

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, 8.313, 57.612 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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(255, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.313, 57.612 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, 227) }
```

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

```
.border{ border-color:rgb(255, 237, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.313, 57.612 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, 227) }
```

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

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