

Converting Colors

CIELCh(95, 8.800, 57.980)

Have a look what the booklet for
CIELCh(95, 8.800, 57.980) contains.

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Color

CIELCh(95, 8.646, 60.223)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE2
RGB	255, 237, 226
RGB Percent	100%, 93%, 89%
CMY	0.0000, 0.0691, 0.1123
CMYK	0.00, 0.07, 0.11, 0.00
HSL	23°, 100%, 94%
HSV	23°, 11%, 100%
XYZ	85.5409, 87.6183, 84.6130
YIQ	241.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

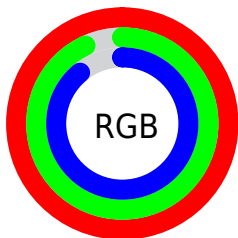
Format	Color
R _Y B	255, 244, 226
Decimal	16772578
CIE Lab	95.00, 4.29, 7.50
CIE LCh	95, 8.646, 60.223
Yxy	87.6183, 0.3318, 0.3399
Android (android.graphics.Color)	4294962658 (0xFFFFE2E2)
YUV	241.1280, -7.4581, 12.1657
Hunter-Lab	93.6047, -0.6854, 11.9286

Details

The CIELCh color **95, 8.646, 60.223** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **95, 8.137, 243.293**, 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, 8.490, 58.980** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.695, 59.908**, and if you desaturate by 10%, it is **99, 0.902, 61.268**.

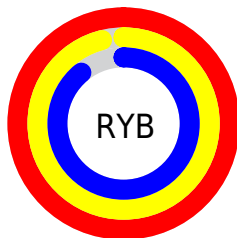
Distribution



Red (100%)

Green (93%)

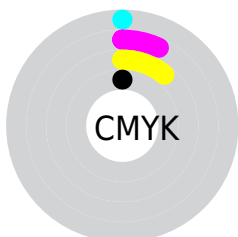
Blue (89%)



Red (100%)

Yellow (96%)

Blue (89%)

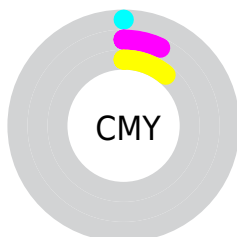


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.646, 60.223 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, 8.646, 60.223 by changing the saturation by 10% instead.



95, 8.646, 60.223

95, 8.646, 60.223

91, 16.695, 59.908

99, 0.902, 61.268

86, 25.406, 58.997

100, 0.012,
296.813

82, 34.708, 58.130

78, 44.596, 57.315

74, 54.993, 56.542

70, 65.661, 55.753

67, 76.046, 54.791

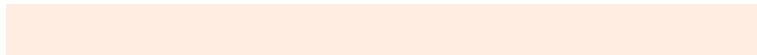
64, 85.028, 53.309

62, 90.878, 51.364

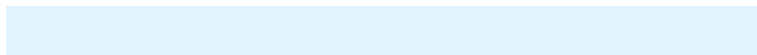
Harmonies

Complementary

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



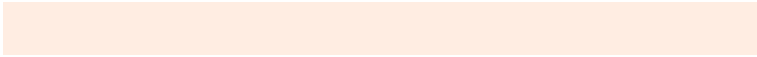
95, 8.646, 60.223



95, 8.137, 243.293

Rectangle

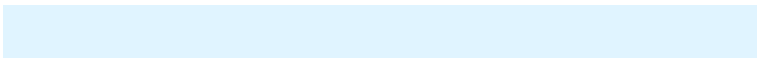
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.646, 60.223



95, 8.646, 110.223



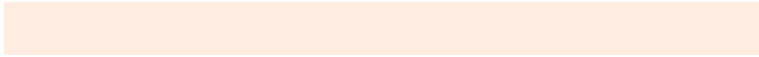
95, 8.646, 240.223



95, 8.646, 290.223

Sweetspot

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



95, 8.543, 60.833



99, 2.218, 61.454



93, 13.687, 338.680



52, 1.687, 61.428



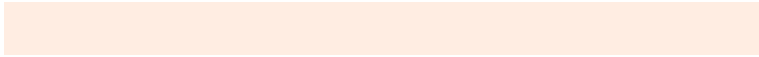
0, 0.000, 0.000



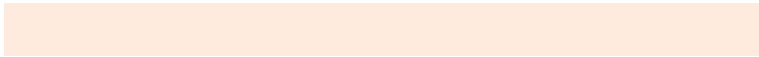
53, 0.007, 296.813

Same Dimension

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



95, 8.543, 60.833



94, 9.946, 60.671



99, 12.882, 103.773



51, 4.300, 60.989



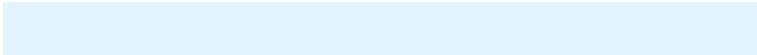
47, 72.766, 52.030



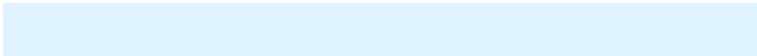
14, 27.598, 50.790

Inverse Universe

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



95, 8.137, 243.293



94, 9.392, 243.505



92, 13.134, 286.284



51, 4.130, 243.096



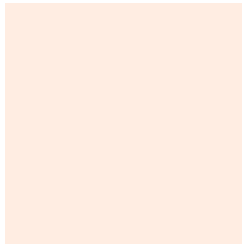
48, 46.076, 270.261



15, 19.396, 263.021

Previews

White Background



This preview shows how the CIELCh color 95, 8.646, 60.223 looks on a white background.

Color Contrast Check

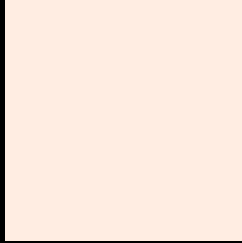
Large Text (above 18pt) WCAG AA × Fail

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, 8.646, 60.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

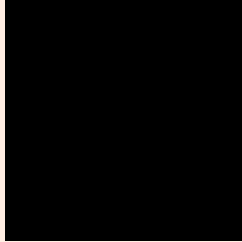
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.646, 60.223

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.646, 60.223.

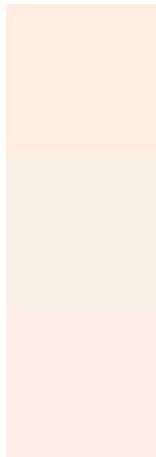


This preview shows how white text looks on a background with the CIELCh color 95, 8.646, 60.223.

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, 8.646, 60.223

Protanopia

95, 6.770, 84.344

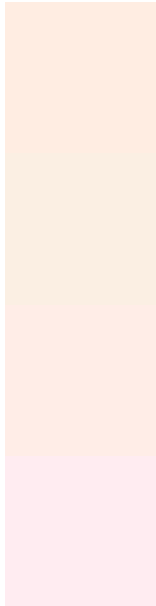
Deuteranopia

95, 6.662, 33.035



Tritanopia
95, 10.481, 332.816

Trichromacy



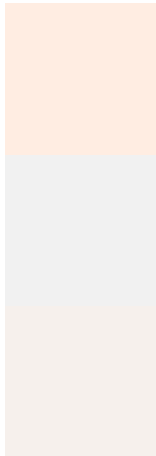
Original Color
95, 8.646, 60.223

Protanomaly
95, 7.515, 74.188

Deuteranomaly
95, 7.197, 44.927

Tritanomaly
95, 7.263, 359.192

Monochromacy



Original Color
95, 8.646, 60.223

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, 8.646, 60.223 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.646, 60.223 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, 226) }
```

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

```
.border{ border-color:rgb(255, 237, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.646, 60.223 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
237, 226) }
```

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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