

Converting Colors

CIELCh(95, 6.833, 16.469)

Have a look what the booklet for
CIELCh(95, 6.833, 16.469) contains.

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Color

CIELCh(95, 6.841, 15.497)

Conversions

Conversions Part 1

Format	Color
Hex	FFECED
RGB	255, 236, 237
RGB Percent	100%, 93%, 93%
CMY	0.0000, 0.0733, 0.0694
CMYK	0.00, 0.07, 0.07, 0.00
HSL	357°, 100%, 96%
HSV	357°, 7%, 100%
XYZ	86.7686, 87.6183, 92.6940
YIQ	241.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

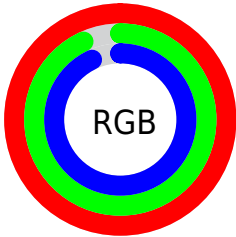
Format	Color
R _Y B	255, 236, 237
Decimal	16772333
CIE Lab	95.00, 6.59, 1.83
CIE LCh	95, 6.841, 15.497
Yxy	87.6183, 0.3249, 0.3281
Android (android.graphics.Color)	4294962413 (0xFFFFEDED)
YUV	241.7950, -2.3639, 11.5808
Hunter-Lab	93.6047, 1.6558, 6.8101

Details

The CIELCh color **95, 6.841, 15.497** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 6.449, 194.579**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.836, 15.400** is the 20% darker color. If you saturate the color by 10%, you get **88, 16.491, 16.387**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

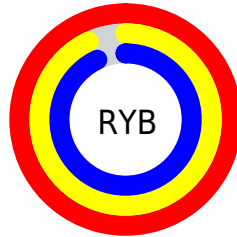
Distribution



Red (100%)

Green (93%)

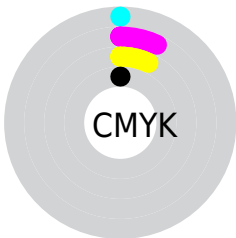
Blue (93%)



Red (100%)

Yellow (93%)

Blue (93%)

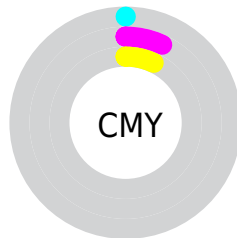


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (0%)



Cyan (0%)

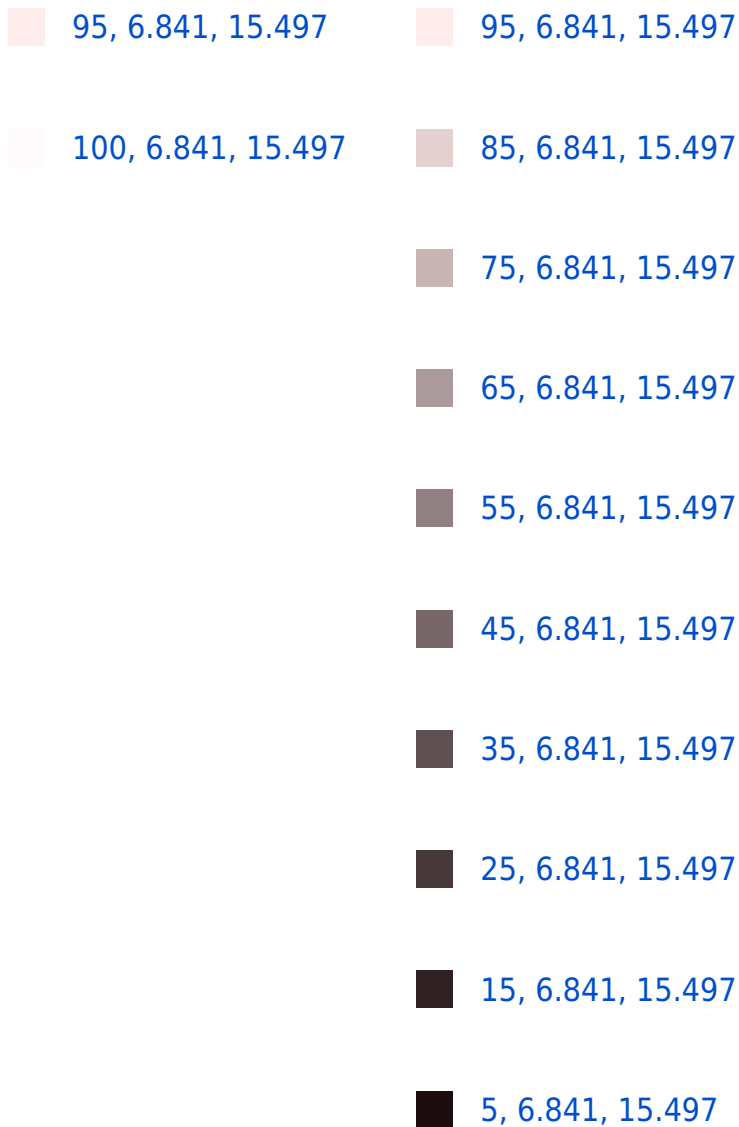
Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.841, 15.497 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, 6.841, 15.497 by changing the saturation by 10% instead.



95, 6.841, 15.497

95, 6.841, 15.497

88, 16.491, 16.387

100, 0.012,
296.813

82, 26.934, 17.528

75, 37.992, 18.970

70, 49.511, 20.821

65, 61.223, 23.204

60, 72.762, 26.236

57, 83.700, 29.945

55, 93.495, 34.087

53, 101.045,
37.842

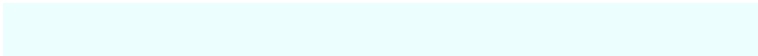
Harmonies

Complementary

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



95, 6.841, 15.497



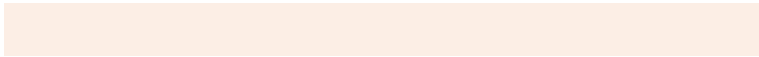
99, 6.449, 194.579

Rectangle

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



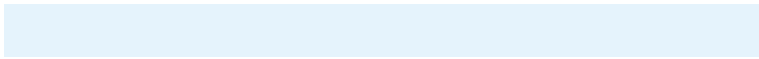
95, 6.841, 15.497



95, 6.841, 65.497



95, 6.841, 195.497



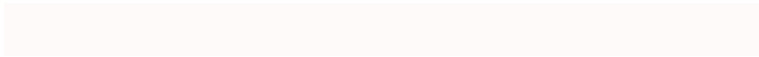
95, 6.841, 245.497

Sweetspot

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



95, 6.726, 15.433



99, 1.802, 14.763



95, 11.421, 322.990



53, 1.024, 14.737



0, 0.000, 0.000



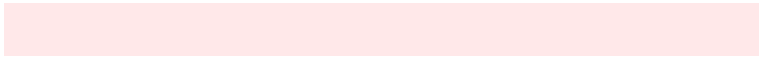
53, 0.007, 296.813

Same Dimension

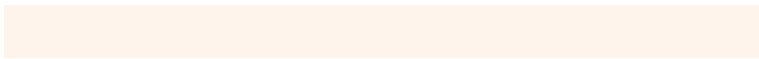
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.726, 15.433



94, 8.310, 15.588



97, 5.592, 66.969



49, 5.259, 15.634



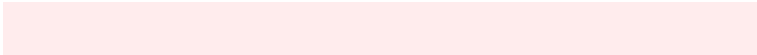
40, 81.997, 37.987



10, 32.939, 25.036

Inverse Universe

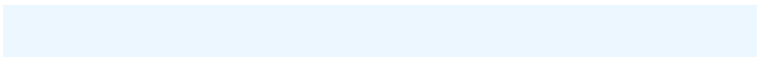
The Inverse Universe completely reimagines the original color for something new.



95, 6.726, 15.433



94, 8.310, 15.588



97, 5.460, 248.832



49, 5.259, 15.634



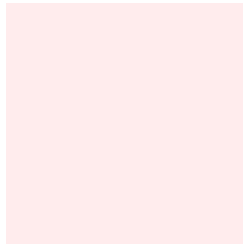
40, 81.997, 37.987



10, 32.939, 25.036

Previews

White Background



This preview shows how the CIE LCh color 95, 6.841, 15.497 looks on a white background.

Color Contrast Check

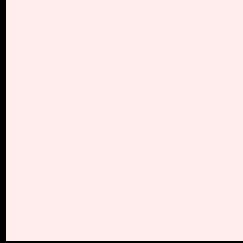
Large Text (above 18pt) WCAG AA × Fail

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, 6.841, 15.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

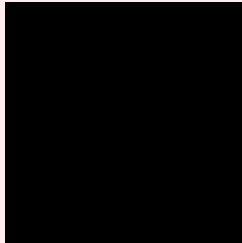
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

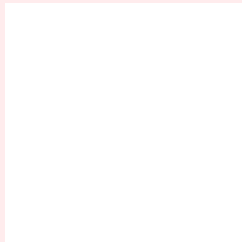
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.841, 15.497

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.841, 15.497.

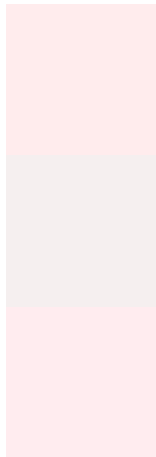


This preview shows how white text looks on a background with the CIELCh color 95, 6.841, 15.497.

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, 6.841, 15.497

Protanopia

95, 2.131, 19.252

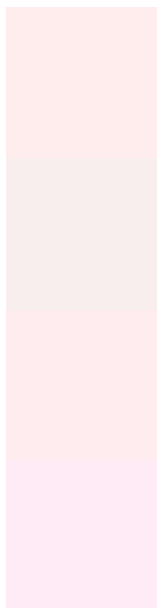
Deuteranopia

95, 6.980, 7.097



Tritanopia
95, 10.862, 330.985

Trichromacy



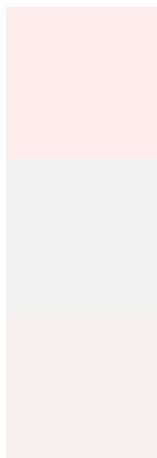
Original Color
95, 6.841, 15.497

Protanomaly
95, 3.924, 19.510

Deuteranomaly
95, 6.891, 11.254

Tritanomaly
95, 9.093, 341.628

Monochromacy



Original Color
95, 6.841, 15.497

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.486, 19.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.841, 15.497 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, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 237)  
}
```

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, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.841, 15.497 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, 236, 237) }
```

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

```
.border{ border-color:rgb(255, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.841, 15.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 237) }
```

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

```
.background{ background-color: rgb(255,  
236, 237) }
```

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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