

Converting Colors

CIELCh(97, 17.052, 14.323)

Have a look what the booklet for
CIELCh(97, 17.052, 14.323) contains.

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Color

CIELCh(95, 7.457, 3.903)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFECF0 |
| RGB | 255, 236, 240 |
| RGB Percent | 100%, 93%, 94% |
| CMY | 0.0000, 0.0750, 0.0594 |
| CMYK | 0.00, 0.08, 0.06, 0.00 |
| HSL | 347°, 100%, 96% |
| HSV | 347°, 8%, 100% |
| XYZ | 87.2242, 87.6183, 94.6444 |
| YIQ | 242.1370, 10.0400, 5.2720 |

Conversions

Conversions Part 2

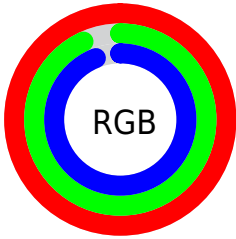
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 236, 240 |
| Decimal | 16772336 |
| CIE Lab | 95.00, 7.44, 0.51 |
| CIE LCh | 95, 7.457, 3.903 |
| Yxy | 87.6183, 0.3237, 0.3251 |
| Android (android.graphics.Color) | 4294962416 (0xFFFFE0F0) |
| YUV | 242.1370, -1.0535, 11.2809 |
| Hunter-Lab | 93.6047, 2.5245, 5.5747 |

Details

The CIELCh color **95, 7.457, 3.903** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **99, 6.944, 181.983**, 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, 7.118, 2.356** is the 20% darker color. If you saturate the color by 10%, you get **88, 17.114, 4.315**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

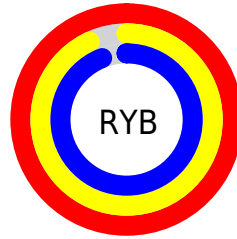
Distribution



Red (100%)

Green (93%)

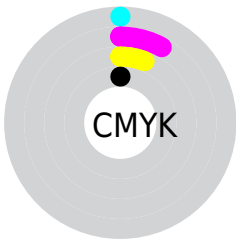
Blue (94%)



Red (100%)

Yellow (93%)

Blue (94%)

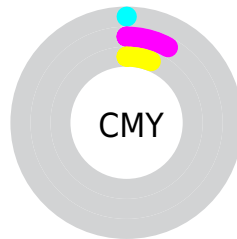


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.457, 3.903 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, 7.457, 3.903 by changing the saturation by 10% instead.

 95, 7.457, 3.903

 95, 7.457, 3.903

 100, 7.457, 3.903

 85, 7.457, 3.903

 75, 7.457, 3.903

 65, 7.457, 3.903

 55, 7.457, 3.903

 45, 7.457, 3.903

 35, 7.457, 3.903

 25, 7.457, 3.903

 15, 7.457, 3.903

 5, 7.457, 3.903

95, 7.457, 3.903

95, 7.457, 3.903

88, 17.114, 4.315

100, 0.012,
296.813

82, 27.521, 5.608

76, 38.242, 7.168

70, 49.043, 9.096

65, 59.575, 11.520

61, 69.406, 14.598

57, 78.135, 18.484

55, 85.564, 23.238

54, 91.827, 28.645

Harmonies

Complementary

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



95, 7.457, 3.903



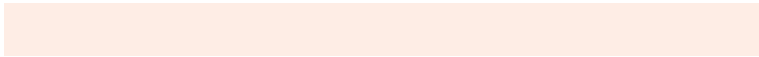
99, 6.944, 181.983

Rectangle

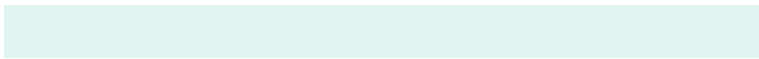
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



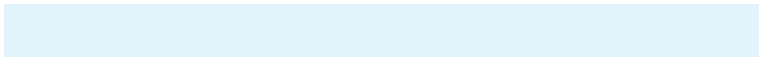
95, 7.457, 3.903



95, 7.457, 53.903



95, 7.457, 183.903



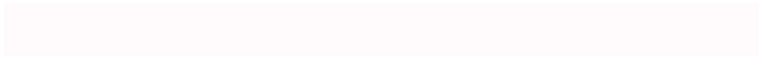
95, 7.457, 233.903

Sweetspot

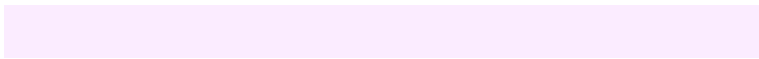
The Sweet Spot groups the original color and five complimentary colors.



95, 7.152, 3.191



99, 1.881, 2.430



95, 11.191, 318.618



53, 1.069, 2.405



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

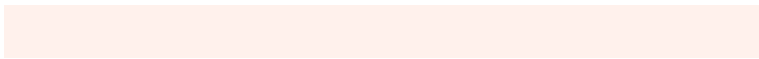
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 7.152, 3.191



94, 8.611, 3.355



96, 5.638, 48.948



50, 5.447, 3.411



40, 74.510, 28.920



10, 31.932, 18.280

Inverse Universe

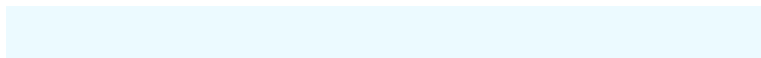
The Inverse Universe completely reimagines the original color for something new.



95, 7.152, 3.191



94, 8.611, 3.355



97, 5.411, 230.110



50, 5.447, 3.411



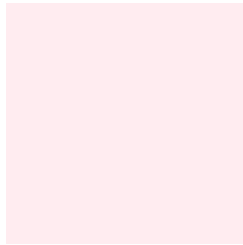
40, 74.510, 28.920



10, 31.932, 18.280

Previews

White Background



This preview shows how the CIE LCh color 95, 7.457, 3.903 looks on a white background.

Color Contrast Check

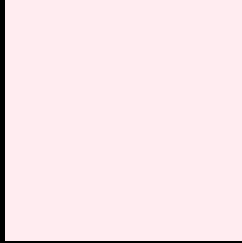
Large Text (above 18pt) WCAG AA × Fail

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, 7.457, 3.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

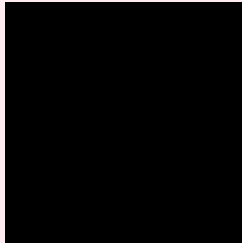
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

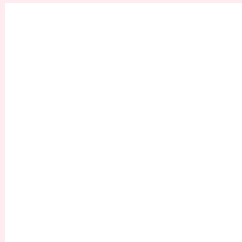
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.457, 3.903

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.457, 3.903.

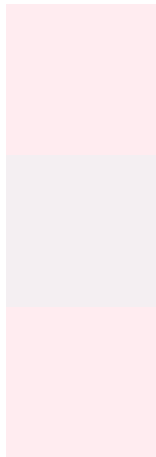


This preview shows how white text looks on a background with the CIELCh color 95, 7.457, 3.903.

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, 7.104, 3.065

Protanopia

95, 2.364, 338.603

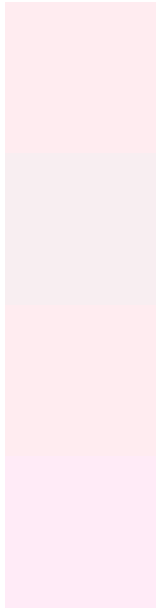
Deuteranopia

95, 7.104, 3.065



Tritanopia
95, 10.862, 330.985

Trichromacy



Original Color

95, 7.104, 3.065

Protanomaly

95, 3.886, 356.190

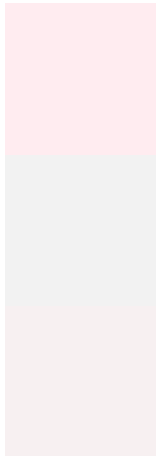
Deuteranomaly

95, 7.104, 3.065

Tritanomaly

95, 9.417, 339.180

Monochromacy



Original Color

95, 7.104, 3.065

Achromatopsia

95, 0.011, 296.813

Achromatomaly

95, 2.542, 7.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.457, 3.903 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.457, 3.903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

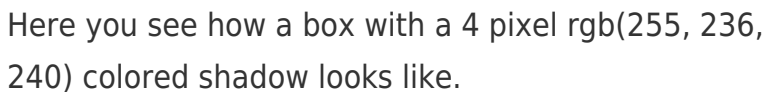
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 236, 240) }
```

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

```
.border{ border-color:rgb(255, 236, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.457, 3.903 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
236, 240) }
```

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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