

Converting Colors

CIELCh(95, 3.677, 34.529)

Have a look what the booklet for
CIELCh(95, 3.677, 34.529) contains.

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Color

CIELCh(95, 3.706, 35.486)

Conversions

Conversions Part 1

Format	Color
Hex	F9EFED
RGB	249, 239, 237
RGB Percent	98%, 94%, 93%
CMY	0.0253, 0.0645, 0.0723
CMYK	0.00, 0.04, 0.05, 0.03
HSL	10°, 48%, 95%
HSV	10°, 5%, 97%
XYZ	84.8643, 87.6183, 92.2202
YIQ	241.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

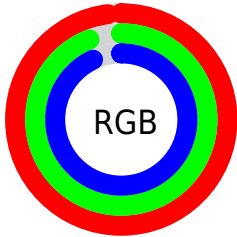
Format	Color
R _Y B	249, 239, 237
Decimal	16379885
CIE Lab	95.00, 3.02, 2.15
CIE LCh	95, 3.706, 35.486
Yxy	87.6183, 0.3206, 0.3310
Android (android.graphics.Color)	4294569965 (0xFF99E9E9)
YUV	241.7620, -2.3477, 6.3477
Hunter-Lab	93.6047, -1.9756, 7.1102

Details

The CIELCh color **95, 3.706, 35.486** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 3.597, 215.953**, 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, 3.910, 35.521** is the 20% darker color. If you saturate the color by 10%, you get **89, 11.869, 35.664**, and if you desaturate by 10%, it is **100, 2.236, 199.560**.

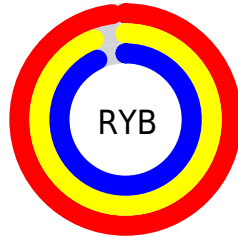
Distribution



Red (98%)

Green (94%)

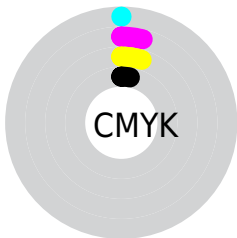
Blue (93%)



Red (98%)

Yellow (94%)

Blue (93%)

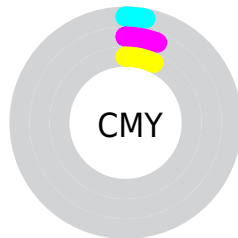


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (3%)



Cyan (3%)




Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 3.706, 35.486 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, 3.706, 35.486 by changing the saturation by 10% instead.

 95, 3.706, 35.486	 95, 3.706, 35.486
 100, 3.706, 35.486	 85, 3.706, 35.486
	 75, 3.706, 35.486
	 65, 3.706, 35.486
	 55, 3.706, 35.486
	 45, 3.706, 35.486
	 35, 3.706, 35.486
	 25, 3.706, 35.486
	 15, 3.706, 35.486
	 5, 3.706, 35.486

95, 3.706, 35.486

95, 3.706, 35.486

89, 11.869, 35.664

100, 2.236,
199.560

84, 20.734, 35.838

78, 30.341, 36.173

73, 40.699, 36.721

68, 51.758, 37.532

64, 63.367, 38.630

60, 75.190, 39.973

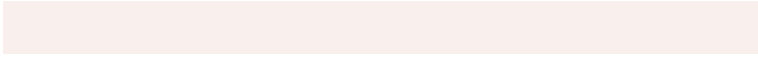
57, 86.483, 41.330

55, 95.626, 42.075

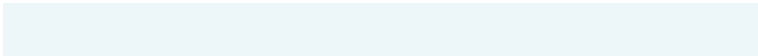
Harmonies

Complementary

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



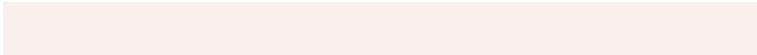
95, 3.706, 35.486



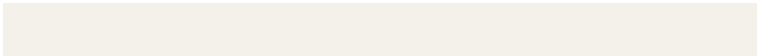
96, 3.597, 215.953

Rectangle

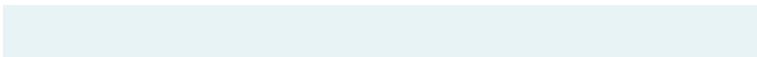
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



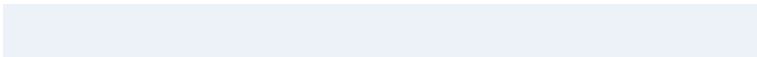
95, 3.706, 35.486



95, 3.706, 85.486



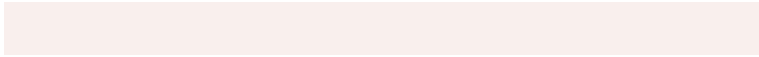
95, 3.706, 215.486



95, 3.706, 265.486

Sweetspot

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



95, 3.705, 35.525



99, 0.770, 34.864



95, 6.689, 329.631



53, 0.438, 34.819



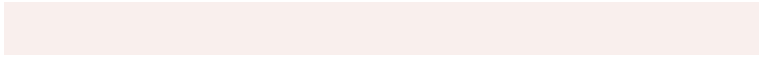
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 3.705, 35.525



96, 4.727, 35.557



96, 4.305, 90.461



50, 3.092, 35.569



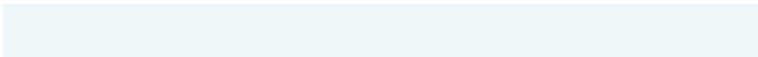
41, 80.204, 42.541



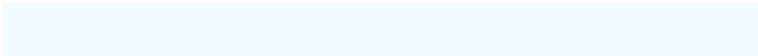
11, 29.212, 34.711

Inverse Universe

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



96, 3.597, 215.953



98, 4.553, 215.934



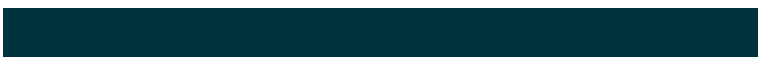
95, 4.319, 271.803



51, 2.966, 215.930



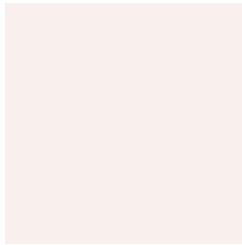
60, 34.723, 228.410



19, 15.737, 223.841

Previews

White Background



This preview shows how the CIELCh color 95, 3.706, 35.486 looks on a white background.

Color Contrast Check

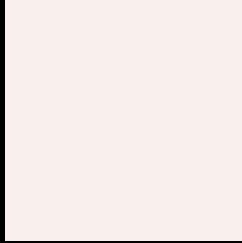
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 3.706, 35.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

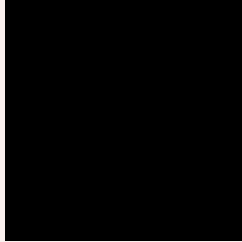
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

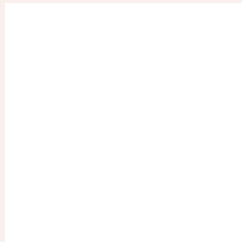
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.706, 35.486

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.706, 35.486.

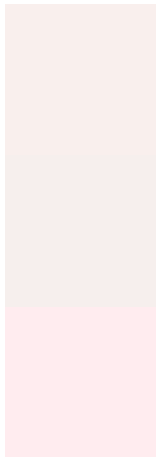


This preview shows how white text looks on a background with the CIELCh color 95, 3.706, 35.486.

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, 3.706, 35.486

Protanopia

95, 2.685, 41.737

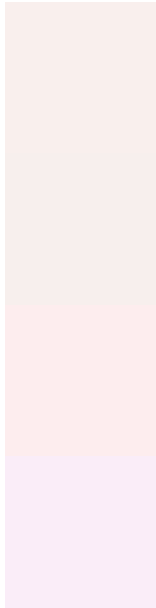
Deuteranopia

95, 6.980, 7.097



Tritanopia
95, 10.683, 320.098

Trichromacy



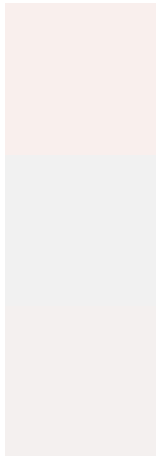
Original Color
95, 3.706, 35.486

Protanomaly
95, 3.021, 39.183

Deuteranomaly
95, 5.752, 14.588

Tritanomaly
95, 7.310, 329.233

Monochromacy



Original Color
95, 3.706, 35.486

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.500, 39.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 3.706, 35.486 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(249, 239, 237)` looks like.

```
.text, #text, p{  
    color:rgb(249, 239, 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(249, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 239, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.706, 35.486 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(249, 239, 237) }
```

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

```
.border{ border-color:rgb(249, 239, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 239, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(249, 239,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.706, 35.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 239, 237) }
```

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

```
.background{ background-color: rgb(249,  
239, 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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