

Converting Colors

CIELCh(95, 6.649, 1.158)

Have a look what the booklet for
CIELCh(95, 6.649, 1.158) contains.

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Color

CIELCh(95, 6.928, 358.108)

Conversions

Conversions Part 1

Format	Color
Hex	FEECF1
RGB	254, 236, 241
RGB Percent	100%, 93%, 95%
CMY	0.0029, 0.0735, 0.0539
CMYK	0.00, 0.07, 0.05, 0.00
HSL	343°, 92%, 96%
HSV	343°, 7%, 100%
XYZ	86.9469, 87.6183, 95.7439
YIQ	241.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 236, 241
Decimal	16706801
CIE Lab	95.00, 6.92, -0.23
CIE LCh	95, 6.928, 358.108
Yxy	87.6183, 0.3217, 0.3241
Android (android.graphics.Color)	4294896881 (0xFFFEECF1)
YUV	241.9520, -0.4693, 10.5661
Hunter-Lab	93.6047, 1.9957, 4.8782

Details

The CIELCh color `95, 6.928, 358.108` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 6.770, 176.963`, 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, 6.940, 357.114` is the 20% darker color. If you saturate the color by 10%, you get `88, 17.070, 359.240`, and if you desaturate by 10%, it is `100, 0.259, 201.948`.

Distribution



Red (100%)

Green (93%)

Blue (95%)



Red (100%)

Yellow (93%)

Blue (95%)



Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (0%)



Cyan (0%)



Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.928, 358.108 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, 6.928, 358.108 by changing the saturation by 10% instead.

 95, 6.928, 358.108	 95, 6.928, 358.108
 100, 6.928, 358.108	 85, 6.928, 358.108
	 75, 6.928, 358.108
	 65, 6.928, 358.108
	 55, 6.928, 358.108
	 45, 6.928, 358.108
	 35, 6.928, 358.108
	 25, 6.928, 358.108
	 15, 6.928, 358.108
	 5, 6.928, 358.108

95, 6.928, 358.108

95, 6.928, 358.108

88, 17.070,
359.240

100, 0.259,
201.948

82, 27.573, 0.507

76, 38.281, 2.012

70, 48.932, 3.845

65, 59.145, 6.127

61, 68.448, 9.014

57, 76.396, 12.680

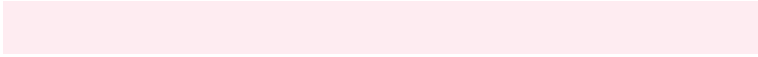
55, 82.765, 17.261

54, 87.769, 22.713

Harmonies

Complementary

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



95, 6.928, 358.108



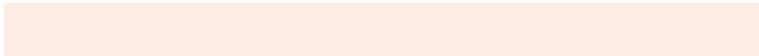
98, 6.770, 176.963

Rectangle

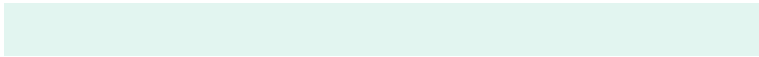
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



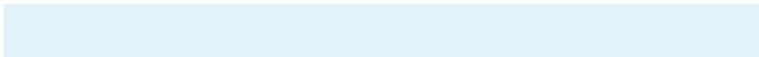
95, 6.928, 358.108



95, 6.928, 48.108



95, 6.928, 178.108



95, 6.928, 228.108

Sweetspot

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



95, 6.926, 358.120



99, 1.942, 357.417



95, 10.338, 316.536



53, 1.104, 357.392



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

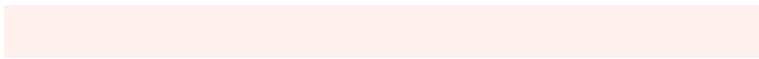
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.926, 358.120



95, 7.861, 358.222



96, 5.428, 41.113



50, 5.605, 358.387



40, 71.498, 23.257



10, 31.560, 14.264

Inverse Universe

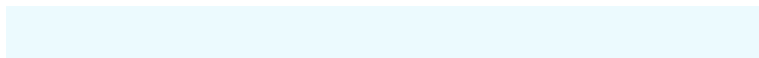
The Inverse Universe completely reimagines the original color for something new.



95, 6.926, 358.120



95, 7.861, 358.222



97, 5.201, 221.799



50, 5.605, 358.387



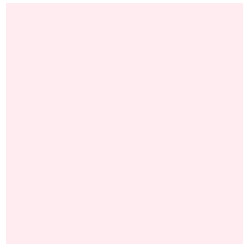
40, 71.498, 23.257



10, 31.560, 14.264

Previews

White Background



This preview shows how the CIE LCh color 95, 6.928, 358.108 looks on a white background.

Color Contrast Check

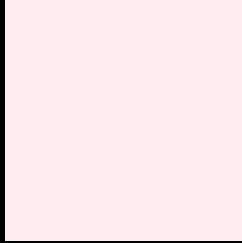
Large Text (above 18pt) WCAG AA × Fail

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, 6.928, 358.108 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

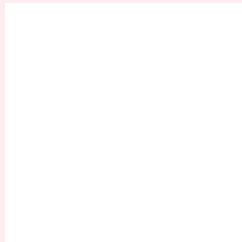
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.928, 358.108

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.928, 358.108.

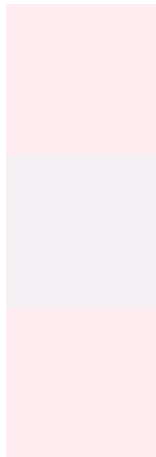


This preview shows how white text looks on a background with the CIELCh color 95, 6.928, 358.108.

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, 6.928, 358.108

Protanopia

95, 2.731, 330.525

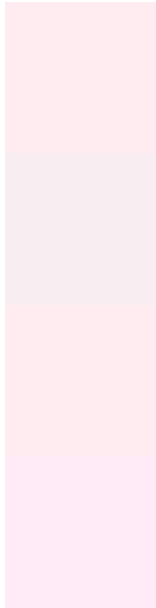
Deuteranopia

95, 7.263, 359.192



Tritanopia
95, 11.254, 329.283

Trichromacy



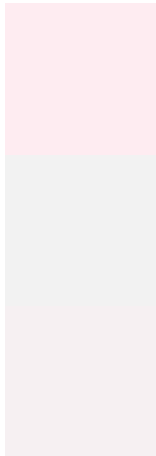
Original Color
95, 6.928, 358.108

Protanomaly
95, 4.117, 349.648

Deuteranomaly
95, 7.263, 359.192

Tritanomaly
95, 9.757, 336.903

Monochromacy



Original Color
95, 6.928, 358.108

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.372, 353.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.928, 358.108 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(254, 236, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 241)  
}
```

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(254, 236, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.928, 358.108 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(254, 236, 241) }
```

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

```
.border{ border-color:rgb(254, 236, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.928, 358.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 241) }
```

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

```
.background{ background-color: rgb(254,  
236, 241) }
```

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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