

Converting Colors

CIE LCh(99, 21.620, 24.778)

Have a look what the booklet for
CIELCh(99, 21.620, 24.778) contains.

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Color

CIELCh(95, 6.301, 33.774)

Conversions

Conversions Part 1

Format	Color
Hex	FEDEEA
RGB	254, 237, 234
RGB Percent	100%, 93%, 92%
CMY	0.0038, 0.0704, 0.0821
CMYK	0.00, 0.07, 0.08, 0.00
HSL	9°, 91%, 96%
HSV	9°, 8%, 100%
XYZ	86.0436, 87.6183, 90.2583
YIQ	241.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

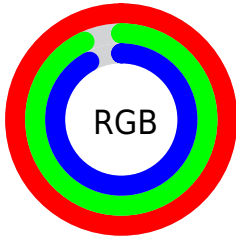
Format	Color
R _Y B	254, 238, 234
Decimal	16707050
CIE Lab	95.00, 5.24, 3.50
CIE LCh	95, 6.301, 33.774
Yxy	87.6183, 0.3260, 0.3320
Android (android.graphics.Color)	4294897130 (0xFFFEDEA)
YUV	241.7410, -3.8163, 10.7511
Hunter-Lab	93.6047, 0.2733, 8.3529

Details

The CIELCh color **95, 6.301, 33.774** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 5.990, 214.015**, 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, 6.292, 34.637** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.923, 33.997**, and if you desaturate by 10%, it is **100, 0.334, 201.367**.

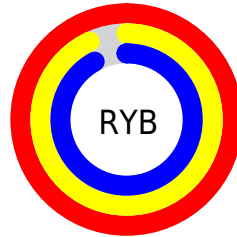
Distribution



Red (100%)

Green (93%)

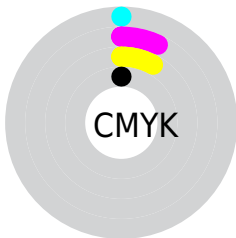
Blue (92%)



Red (100%)

Yellow (93%)

Blue (92%)

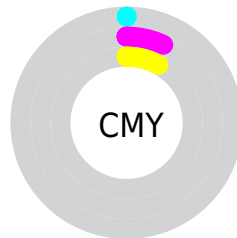


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (0%)



Cyan (0%)













Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.301, 33.774 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, 6.301, 33.774 by changing the saturation by 10% instead.

 95, 6.301, 33.774	 95, 6.301, 33.774
 100, 6.301, 33.774	 85, 6.301, 33.774
	 75, 6.301, 33.774
	 65, 6.301, 33.774
	 55, 6.301, 33.774
	 45, 6.301, 33.774
	 35, 6.301, 33.774
	 25, 6.301, 33.774
	 15, 6.301, 33.774
	 5, 6.301, 33.774

95, 6.301, 33.774

95, 6.301, 33.774

89, 14.923, 33.997

100, 0.334,
201.367

83, 24.283, 34.307

78, 34.411, 34.807

73, 45.292, 35.554

68, 56.838, 36.598

64, 68.838, 37.956

60, 80.845, 39.547

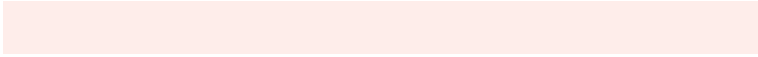
57, 91.874, 41.031

55, 99.976, 41.663

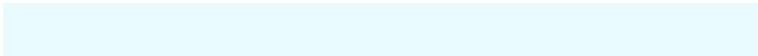
Harmonies

Complementary

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



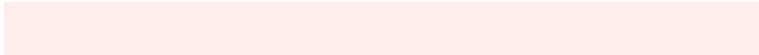
95, 6.301, 33.774



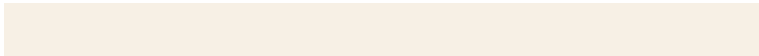
98, 5.990, 214.015

Rectangle

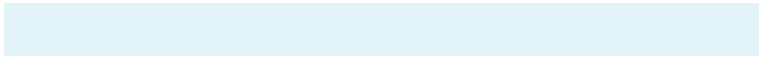
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



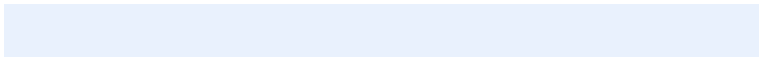
95, 6.301, 33.774



95, 6.301, 83.774



95, 6.301, 213.774



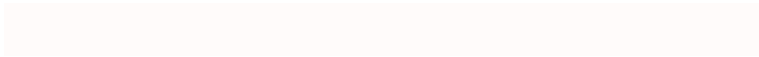
95, 6.301, 263.774

Sweetspot

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



95, 6.300, 33.797



99, 1.567, 33.454



95, 11.252, 329.284



53, 0.891, 33.431



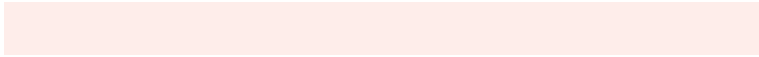
0, 0.000, 0.000



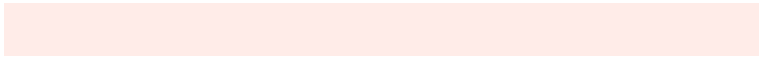
53, 0.007, 296.813

Same Dimension

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



95, 6.300, 33.797



95, 7.264, 33.820



97, 7.056, 88.738



50, 4.599, 33.830



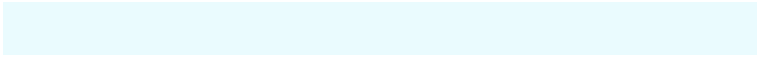
41, 81.510, 42.115



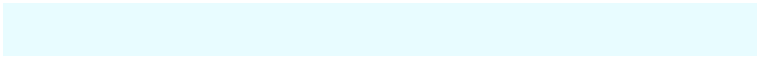
11, 30.705, 34.550

Inverse Universe

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



98, 5.990, 214.015



98, 6.854, 214.012



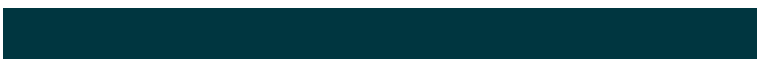
95, 7.050, 270.845



52, 4.324, 214.012



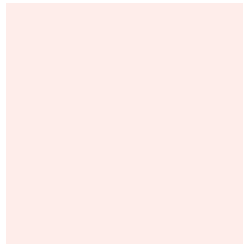
61, 35.103, 224.785



20, 16.231, 220.910

Previews

White Background



This preview shows how the CIELCh color 95, 6.301, 33.774 looks on a white background.

Color Contrast Check

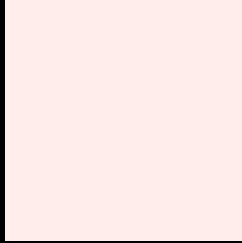
Large Text (above 18pt) WCAG AA × Fail

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, 6.301, 33.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

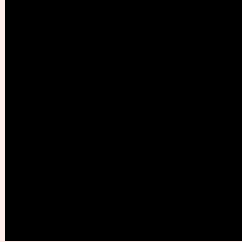
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

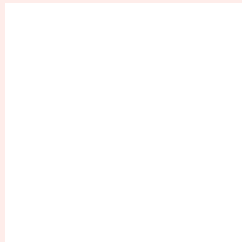
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.301, 33.774

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.301, 33.774.

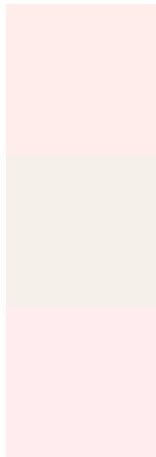


This preview shows how white text looks on a background with the CIELCh color 95, 6.301, 33.774.

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, 6.306, 33.775

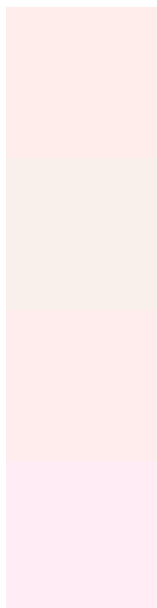
Protanopia
95, 3.319, 69.684

Deuteranopia
95, 6.891, 11.254



Tritanopia
95, 10.862, 330.985

Trichromacy



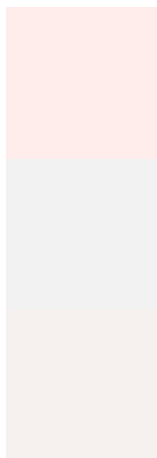
Original Color
95, 6.306, 33.775

Protanomaly
95, 4.111, 49.307

Deuteranomaly
95, 6.841, 15.497

Tritanomaly
95, 8.198, 345.671

Monochromacy



Original Color
95, 6.306, 33.775

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.186, 32.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.301, 33.774 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, 237, 234)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 234)  
}
```

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, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.301, 33.774 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, 237, 234) }
```

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

```
.border{ border-color:rgb(254, 237, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 234);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.301, 33.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 234) }
```

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

```
.background{ background-color: rgb(254,  
237, 234) }
```

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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