

Converting Colors

CIELCh(95, 4.183, 33.740)

Have a look what the booklet for
CIELCh(95, 4.183, 33.740) contains.

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Color

CIELCh(95, 4.409, 32.961)

Conversions

Conversions Part 1

Format	Color
Hex	FAEEEC
RGB	250, 238, 236
RGB Percent	98%, 93%, 93%
CMY	0.0192, 0.0662, 0.0741
CMYK	0.00, 0.05, 0.06, 0.02
HSL	9°, 59%, 95%
HSV	9°, 6%, 98%
XYZ	85.2253, 87.6183, 91.8589
YIQ	241.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

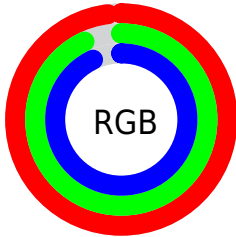
Format	Color
R _Y B	250, 238, 236
Decimal	16445164
CIE Lab	95.00, 3.70, 2.40
CIE LCh	95, 4.409, 32.961
Yxy	87.6183, 0.3220, 0.3310
Android (android.graphics.Color)	4294635244 (0xFFFAEEEC)
YUV	241.3600, -2.6425, 7.5773
Hunter-Lab	93.6047, -1.2873, 7.3391

Details

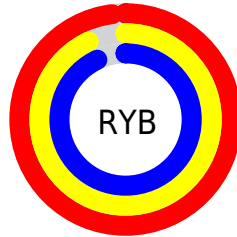
The CIELCh color **95, 4.409, 32.961** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.255, 213.260**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 4.653, 33.007** is the 20% darker color. If you saturate the color by 10%, you get **89, 12.808, 33.234**, and if you desaturate by 10%, it is **100, 1.697, 199.688**.

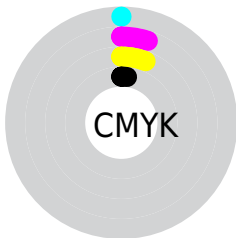
Distribution



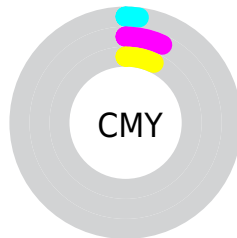
- Red (98%)
- Green (93%)
- Blue (93%)



- Red (98%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.409, 32.961 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, 4.409, 32.961 by changing the saturation by 10% instead.



95, 4.409, 32.961

95, 4.409, 32.961

89, 12.808, 33.234

100, 1.697,
199.688

83, 21.927, 33.546

78, 31.801, 34.039

73, 42.425, 34.773

68, 53.727, 35.802

63, 65.529, 37.158

60, 77.456, 38.793

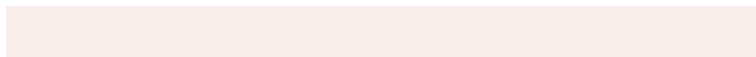
57, 88.701, 40.448

54, 97.513, 41.423

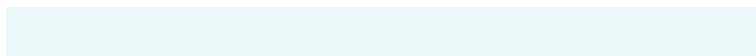
Harmonies

Complementary

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



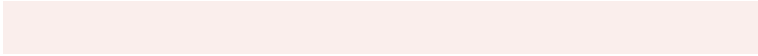
95, 4.409, 32.961



97, 4.255, 213.260

Rectangle

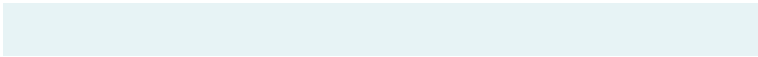
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



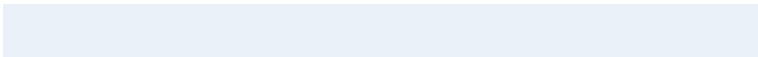
95, 4.409, 32.961



95, 4.409, 82.961



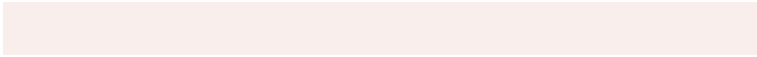
95, 4.409, 212.961



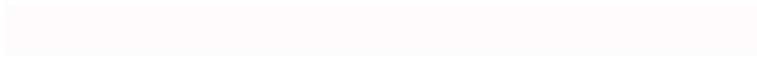
95, 4.409, 262.961

Sweetspot

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



95, 4.408, 32.994



99, 1.575, 32.698



95, 7.989, 328.596



53, 0.895, 32.675



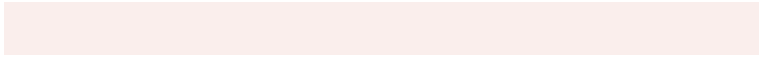
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 4.408, 32.994



96, 5.632, 33.037



97, 4.862, 87.599



50, 3.608, 33.052



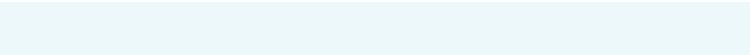
41, 80.866, 41.975



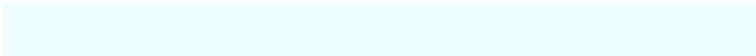
10, 29.564, 33.478

Inverse Universe

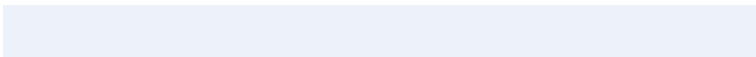
The Inverse Universe completely reimagines the original color for something new.



97, 4.255, 213.260



98, 5.386, 213.235



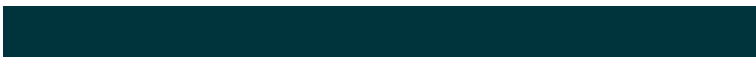
95, 4.864, 269.157



51, 3.437, 213.228



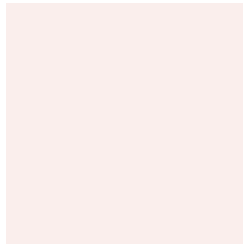
61, 34.807, 223.236



19, 15.853, 219.401

Previews

White Background



This preview shows how the CIELCh color 95, 4.409, 32.961 looks on a white background.

Color Contrast Check

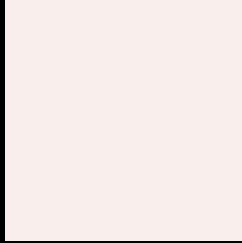
Large Text (above 18pt) WCAG AA × Fail

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, 4.409, 32.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

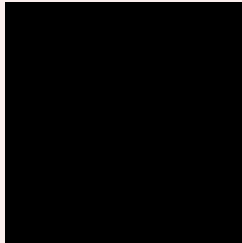
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

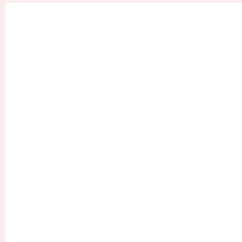
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.409, 32.961

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.409, 32.961.

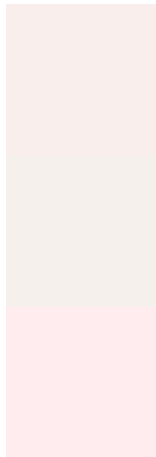


This preview shows how white text looks on a background with the CIELCh color 95, 4.409, 32.961.

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, 4.409, 32.961

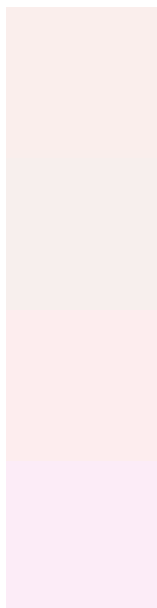
Protanopia
95, 2.616, 55.188

Deuteranopia
95, 6.980, 7.097



Tritanopia
95, 11.671, 323.389

Trichromacy



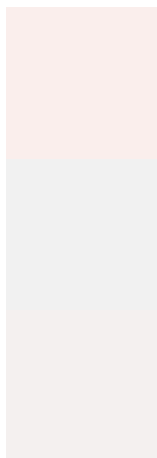
Original Color
95, 4.409, 32.961

Protanomaly
95, 3.021, 39.183

Deuteranomaly
95, 5.752, 14.588

Tritanomaly
95, 8.026, 335.184

Monochromacy



Original Color
95, 4.409, 32.961

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, 4.409, 32.961 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(250, 238, 236)` looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 236)  
}
```

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(250, 238, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.409, 32.961 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(250, 238, 236) }
```

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

```
.border{ border-color:rgb(250, 238, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 238, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 238, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 238, 236);  
box-shadow:4px 4px 4px 4px rgb(250, 238,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.409, 32.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 236) }
```

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

```
.background{ background-color: rgb(250,  
238, 236) }
```

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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