

Converting Colors

CIELCh(96, 3.420, 47.318)

Have a look what the booklet for
CIELCh(96, 3.420, 47.318) contains.

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Color

CIELCh(96, 3.222, 47.762)

Conversions

Conversions Part 1

Format	Color
Hex	FAF2EF
RGB	250, 242, 239
RGB Percent	98%, 95%, 94%
CMY	0.0198, 0.0512, 0.0630
CMYK	0.00, 0.03, 0.04, 0.02
HSL	16°, 52%, 96%
HSV	16°, 4%, 98%
XYZ	86.7063, 90.0078, 94.4159
YIQ	244.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

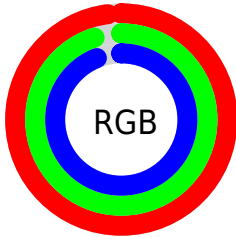
Format	Color
R _Y B	250, 243, 239
Decimal	16446191
CIE Lab	96.00, 2.17, 2.39
CIE LCh	96, 3.222, 47.762
Yxy	90.0078, 0.3198, 0.3320
Android (android.graphics.Color)	4294636271 (0xFFFAF2EF)
YUV	244.0500, -2.4897, 5.2181
Hunter-Lab	94.8724, -2.8911, 7.4060

Details

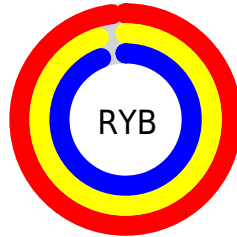
The CIELCh color **96, 3.222, 47.762** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 3.150, 228.693**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 3.395, 47.740** is the 20% darker color. If you saturate the color by 10%, you get **91, 10.967, 47.436**, and if you desaturate by 10%, it is **100, 1.756, 199.671**.

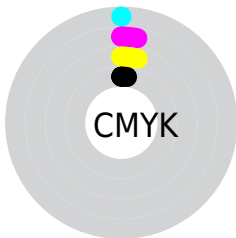
Distribution



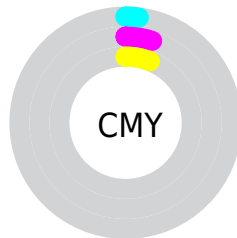
- Red (98%)
- Green (95%)
- Blue (94%)



- Red (98%)
- Yellow (95%)
- Blue (94%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 3.222, 47.762 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 96, 3.222, 47.762 by changing the saturation by 10% instead.

 96, 3.222, 47.762	 96, 3.222, 47.762
 100, 3.222, 47.762	 86, 3.222, 47.762
	 76, 3.222, 47.762
	 66, 3.222, 47.762
	 56, 3.222, 47.762
	 46, 3.222, 47.762
	 36, 3.222, 47.762
	 26, 3.222, 47.762
	 16, 3.222, 47.762
	 6, 3.222, 47.762

96, 3.222, 47.762

96, 3.222, 47.762

91, 10.967, 47.436

100, 1.756,
199.671

86, 19.340, 47.031

81, 28.394, 46.716

76, 38.159, 46.527

72, 48.621, 46.485

68, 59.673, 46.589

64, 71.026, 46.773

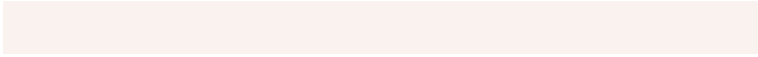
61, 81.992, 46.827

58, 91.129, 46.246

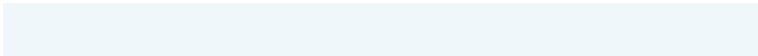
Harmonies

Complementary

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



96, 3.222, 47.762



97, 3.150, 228.693

Rectangle

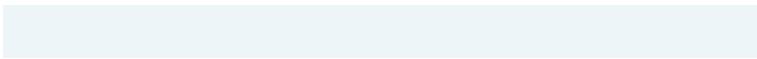
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 3.222, 47.762



96, 3.222, 97.762



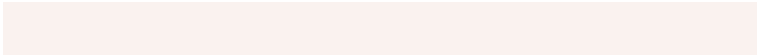
96, 3.222, 227.762



96, 3.222, 277.762

Sweetspot

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



96, 3.222, 47.810



99, 0.731, 47.336



95, 5.704, 333.195



53, 0.416, 47.294



0, 0.000, 0.000



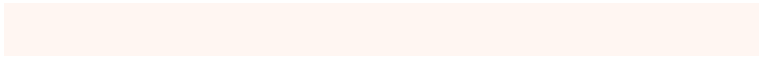
53, 0.007, 296.813

Same Dimension

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



96, 3.222, 47.810



97, 3.729, 47.801



97, 4.377, 97.768



51, 2.509, 47.784



43, 76.506, 46.155



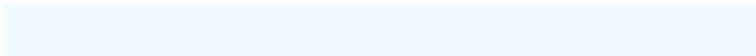
12, 27.685, 41.314

Inverse Universe

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



97, 3.150, 228.693



98, 3.632, 228.708



95, 4.412, 278.897



51, 2.433, 228.733



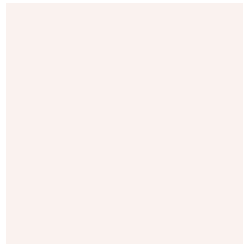
54, 37.557, 251.018



16, 16.319, 243.963

Previews

White Background



This preview shows how the CIELCh color 96, 3.222, 47.762 looks on a white background.

Color Contrast Check

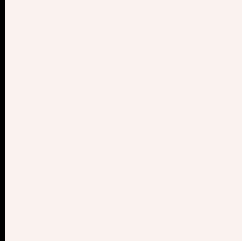
Large Text (above 18pt) WCAG AA × Fail

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 96, 3.222, 47.762 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

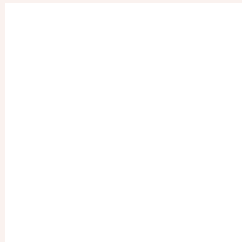
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 3.222, 47.762

Background



This preview shows how black text looks on a background with the CIELCh color 96, 3.222, 47.762.

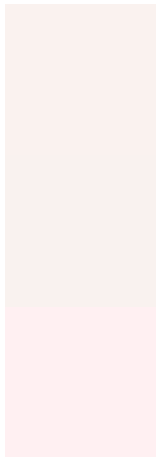


This preview shows how white text looks on a background with the CIELCh color 96, 3.222, 47.762.

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


96, 3.222, 47.762

Protanopia

96, 2.910, 51.087

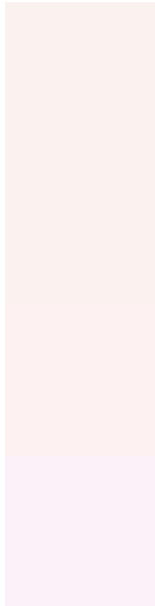
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 8.640, 317.002

Trichromacy



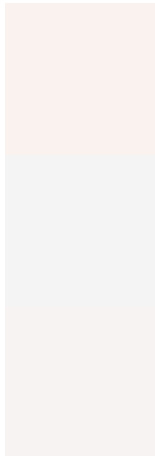
Original Color
96, 3.222, 47.762

Protanomaly
96, 2.910, 51.087

Deuteranomaly
96, 4.274, 19.542

Tritanomaly
96, 5.434, 330.709

Monochromacy



Original Color
96, 3.222, 47.762

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.168, 44.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 3.222, 47.762 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, 242, 239)` looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 239)  
}
```

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, 242, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 3.222, 47.762 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, 242, 239) }
```

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

```
.border{ border-color:rgb(250, 242, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 242, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 239);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 3.222, 47.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 239) }
```

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

```
.background{ background-color: rgb(250,  
242, 239) }
```

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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