

Converting Colors

CIELCh(100, 20.830, 26.788)

Have a look what the booklet for
CIELCh(100, 20.830, 26.788)
contains.

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Color

CIELCh(96, 5.071, 43.274)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1ED
RGB	254, 241, 237
RGB Percent	100%, 95%, 93%
CMY	0.0044, 0.0553, 0.0710
CMYK	0.00, 0.05, 0.07, 0.00
HSL	14°, 88%, 96%
HSV	14°, 7%, 100%
XYZ	87.5276, 90.0078, 92.8053
YIQ	244.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

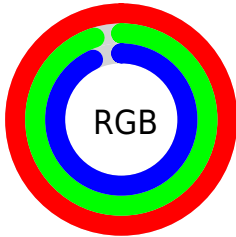
Format	Color
R _Y B	254, 242, 237
Decimal	16708077
CIE Lab	96.00, 3.69, 3.48
CIE LCh	96, 5.071, 43.274
Yxy	90.0078, 0.3238, 0.3329
Android (android.graphics.Color)	4294898157 (0xFFFEF1ED)
YUV	244.4310, -3.6635, 8.3920
Hunter-Lab	94.8724, -1.3459, 8.4125

Details

The CIELCh color **96, 5.071, 43.274** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.875, 224.098**, 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, 5.008, 44.968** is the 20% darker color. If you saturate the color by 10%, you get **91, 13.177, 43.077**, and if you desaturate by 10%, it is **100, 0.387, 201.094**.

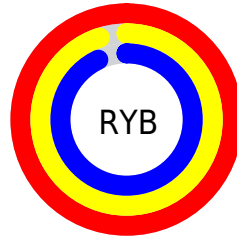
Distribution



Red (100%)

Green (95%)

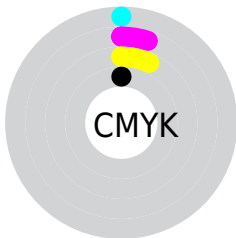
Blue (93%)



Red (100%)

Yellow (95%)

Blue (93%)

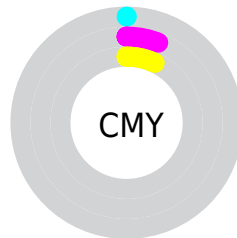


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.071, 43.274 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, 5.071, 43.274 by changing the saturation by 10% instead.

 96, 5.071, 43.274	 96, 5.071, 43.274
 100, 5.071, 43.274	 86, 5.071, 43.274
	 76, 5.071, 43.274
	 66, 5.071, 43.274
	 56, 5.071, 43.274
	 46, 5.071, 43.274
	 36, 5.071, 43.274
	 26, 5.071, 43.274
	 16, 5.071, 43.274
	 6, 5.071, 43.274

96, 5.071, 43.274

96, 5.071, 43.274

91, 13.177, 43.077

100, 0.387,
201.094

85, 21.964, 42.895

80, 31.480, 42.838

76, 41.742, 42.944

71, 52.713, 43.239

67, 64.245, 43.722

63, 75.969, 44.309

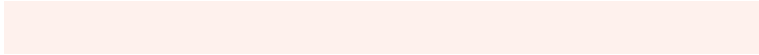
60, 87.026, 44.727

57, 95.683, 44.356

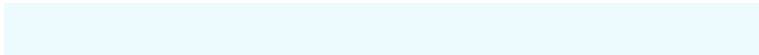
Harmonies

Complementary

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



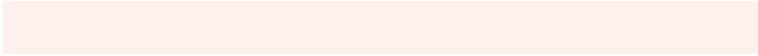
96, 5.071, 43.274



97, 4.875, 224.098

Rectangle

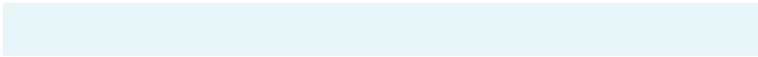
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



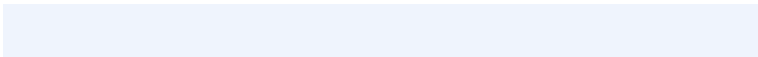
96, 5.071, 43.274



96, 5.071, 93.274



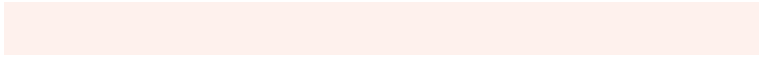
96, 5.071, 223.274



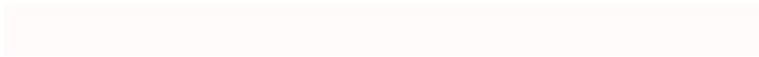
96, 5.071, 273.274

Sweetspot

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



96, 5.070, 43.305



99, 1.491, 43.173



95, 9.007, 332.109



53, 0.847, 43.154



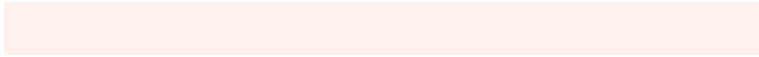
0, 0.000, 0.000



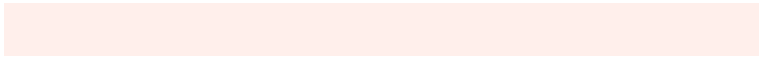
53, 0.007, 296.813

Same Dimension

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



96, 5.070, 43.305



96, 6.118, 43.281



98, 6.519, 95.260



50, 4.375, 43.248



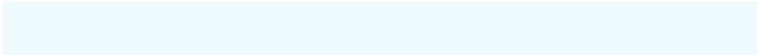
43, 78.741, 44.635



12, 29.458, 39.324

Inverse Universe

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



97, 4.875, 224.098



97, 5.833, 224.143



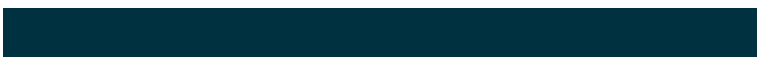
95, 6.558, 276.961



52, 4.130, 224.206



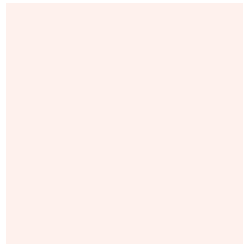
56, 36.327, 243.342



18, 16.349, 237.251

Previews

White Background



This preview shows how the CIELCh color 96, 5.071, 43.274 looks on a white background.

Color Contrast Check

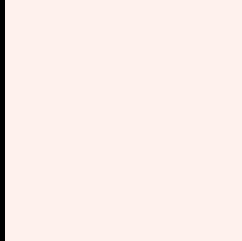
Large Text (above 18pt) WCAG AA × Fail

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, 5.071, 43.274 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

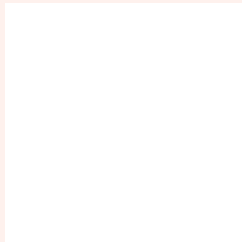
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.071, 43.274

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.071, 43.274.

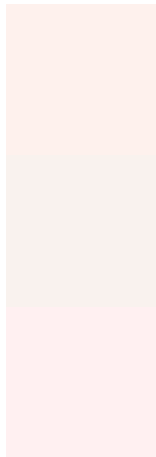


This preview shows how white text looks on a background with the CIELCh color 96, 5.071, 43.274.

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, 5.076, 43.273

Protanopia

96, 3.208, 58.877

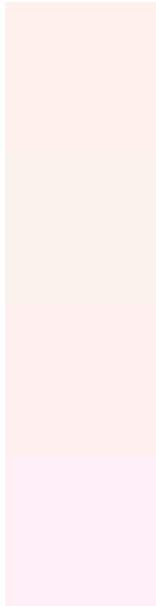
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 9.976, 324.758

Trichromacy



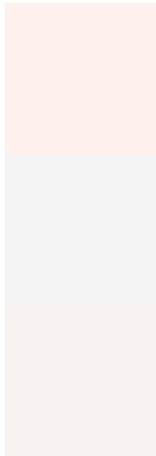
Original Color
96, 5.076, 43.273

Protanomaly
96, 3.792, 51.996

Deuteranomaly
96, 5.358, 19.646

Tritanomaly
96, 6.727, 342.302

Monochromacy



Original Color
96, 5.076, 43.273

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.033, 49.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.071, 43.274 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, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 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(254, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.071, 43.274 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, 241, 237) }
```

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

```
.border{ border-color:rgb(254, 241, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.071, 43.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 237) }
```

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

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