

Converting Colors

CIELCh(96, 10.197, 79.974)

Have a look what the booklet for
CIELCh(96, 10.197, 79.974) contains.

CIELCh(96, 10.336, 82.024)	3
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Color

CIELCh(96, 10.336, 82.024)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2E0
RGB	255, 242, 224
RGB Percent	100%, 95%, 88%
CMY	0.0007, 0.0516, 0.1222
CMYK	0.00, 0.05, 0.12, 0.00
HSL	35°, 99%, 94%
HSV	35°, 12%, 100%
XYZ	86.3144, 90.0078, 83.2299
YIQ	243.8350, 13.5260, -2.8420

Conversions

Conversions Part 2

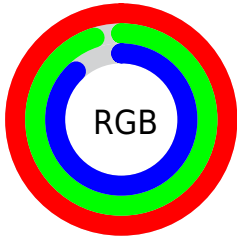
Format	Color
R_{YB}	246, 255, 224
Decimal	16773856
CIE Lab	96.00, 1.43, 10.24
CIE LCh	96, 10.336, 82.024
Yxy	90.0078, 0.3326, 0.3468
Android (android.graphics.Color)	4294963936 (0xFFFFF2E0)
YUV	243.8350, -9.7787, 9.7917
Hunter-Lab	94.8724, -3.6284, 14.3967

Details

The CIELCh color **96, 10.336, 82.024** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 10.182, 265.350**, 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, 10.228, 82.255** is the 20% darker color. If you saturate the color by 10%, you get **93, 19.164, 80.728**, and if you desaturate by 10%, it is **99, 1.800, 83.159**.

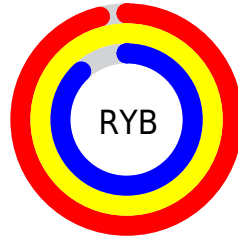
Distribution



Red (100%)

Green (95%)

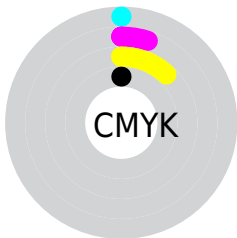
Blue (88%)



Red (96%)

Yellow (100%)

Blue (88%)

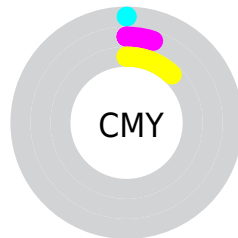


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 10.336, 82.024 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, 10.336, 82.024 by changing the saturation by 10% instead.

 96, 10.336, 82.024

 96, 10.336, 82.024

 100, 10.336,
82.024

 86, 10.336, 82.024

 76, 10.336, 82.024

 66, 10.336, 82.024

 56, 10.336, 82.024

 46, 10.336, 82.024

 36, 10.336, 82.024

 26, 10.336, 82.024

 16, 10.336, 82.024

 6, 10.336, 82.024

96, 10.336, 82.024

96, 10.336, 82.024

93, 19.164, 80.728

99, 1.800, 83.159

90, 28.283, 79.373

100, 0.057,
211.007

87, 37.672, 77.981

84, 47.250, 76.548

81, 56.836, 75.050

78, 66.052, 73.427

76, 74.206, 71.548

73, 80.250, 69.173

71, 83.207, 66.879

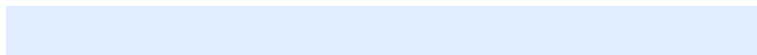
Harmonies

Complementary

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



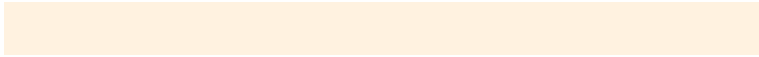
96, 10.336, 82.024



93, 10.182, 265.350

Rectangle

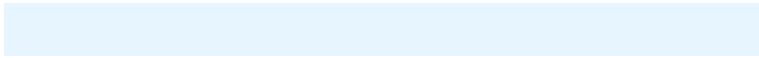
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 10.336, 82.024



96, 10.336, 132.024



96, 10.336, 262.024



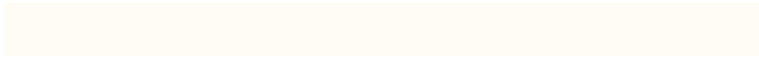
96, 10.336, 312.024

Sweetspot

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



96, 10.337, 82.039



99, 3.349, 83.019



92, 13.118, 348.474



52, 2.384, 82.941



0, 0.000, 0.000



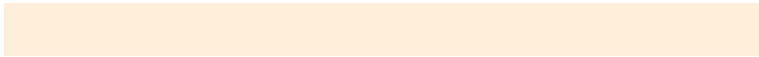
53, 0.007, 296.813

Same Dimension

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



96, 10.337, 82.039



95, 12.818, 81.673



99, 15.708, 111.744



52, 4.812, 82.375



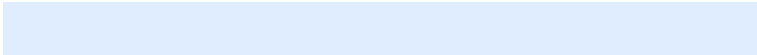
55, 66.943, 67.540



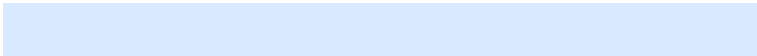
17, 27.243, 69.951

Inverse Universe

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



93, 10.182, 265.350



92, 12.569, 265.785



90, 16.154, 293.952



50, 4.761, 264.964



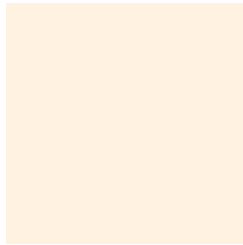
37, 68.154, 291.130



10, 27.421, 285.247

Previews

White Background



This preview shows how the CIE LCh color 96, 10.336, 82.024 looks on a white background.

Color Contrast Check

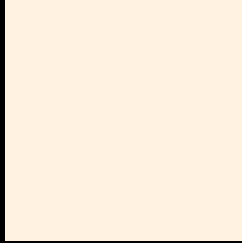
Large Text (above 18pt) WCAG AA × Fail

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, 10.336, 82.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

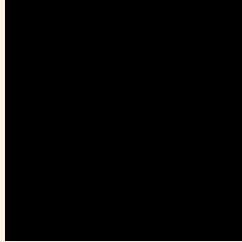
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 10.336, 82.024

Background



This preview shows how black text looks on a background with the CIELCh color 96, 10.336, 82.024.

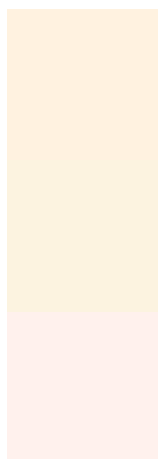


This preview shows how white text looks on a background with the CIELCh color 96, 10.336, 82.024.

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, 10.336, 82.024

Protanopia

96, 10.225, 90.652

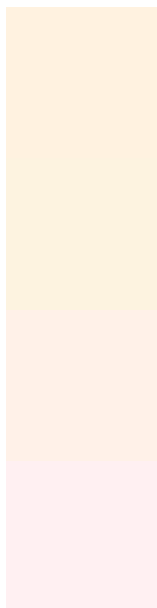
Deuteranopia

96, 5.410, 41.752



Tritanopia
96, 8.758, 330.441

Trichromacy



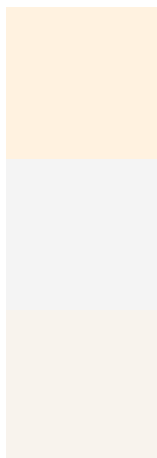
Original Color
96, 10.336, 82.024

Protanomaly
96, 10.348, 88.720

Deuteranomaly
96, 6.821, 61.861

Tritanomaly
96, 5.448, 8.855

Monochromacy



Original Color
96, 10.336, 82.024

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.526, 79.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 10.336, 82.024 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(255, 242, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 224)  
}
```

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(255, 242, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 10.336, 82.024 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(255, 242, 224) }
```

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

```
.border{ border-color:rgb(255, 242, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 10.336, 82.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 224) }
```

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

```
.background{ background-color: rgb(255,  
242, 224) }
```

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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