

Converting Colors

CIELCh(96, 7.968, 83.502)

Have a look what the booklet for
CIELCh(96, 7.968, 83.502) contains.

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Color

CIELCh(96, 8.001, 82.612)

Conversions

Conversions Part 1

Format	Color
Hex	FCF2E4
RGB	252, 242, 228
RGB Percent	99%, 95%, 89%
CMY	0.0108, 0.0500, 0.1049
CMYK	0.00, 0.04, 0.10, 0.01
HSL	35°, 81%, 94%
HSV	35°, 10%, 99%
XYZ	86.0978, 90.0078, 86.4120
YIQ	243.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

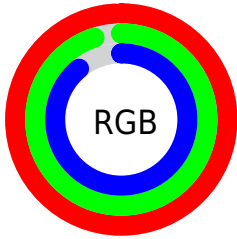
Format	Color
R _Y B	245, 252, 228
Decimal	16577252
CIE Lab	96.00, 1.03, 7.93
CIE LCh	96, 8.001, 82.612
Yxy	90.0078, 0.3280, 0.3429
Android (android.graphics.Color)	4294767332 (0xFFFCF2E4)
YUV	243.3940, -7.5892, 7.5475
Hunter-Lab	94.8724, -4.0360, 12.4080

Details

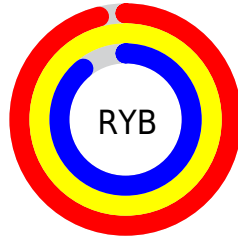
The CIELCh color **96, 8.001, 82.612** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.920, 265.221**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 7.769, 83.122** is the 20% darker color. If you saturate the color by 10%, you get **93, 16.695, 81.337**, and if you desaturate by 10%, it is **99, 0.411, 264.828**.

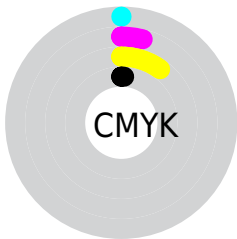
Distribution



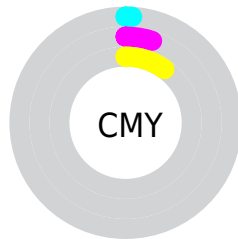
- Red (99%)
- Green (95%)
- Blue (89%)



- Red (96%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (1%)

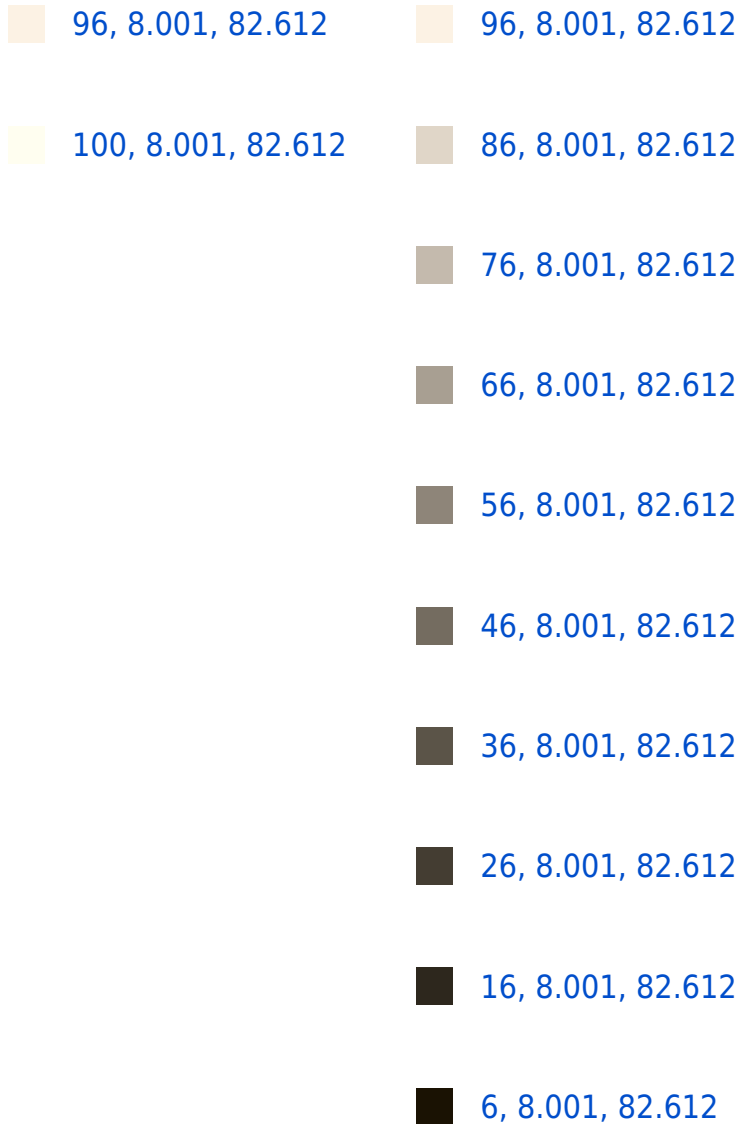


- Cyan (1%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.001, 82.612 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, 8.001, 82.612 by changing the saturation by 10% instead.



96, 8.001, 82.612

96, 8.001, 82.612

93, 16.695, 81.337

99, 0.411, 264.828

90, 25.677, 79.992

100, 0.956,
200.038

87, 34.931, 78.609

84, 44.396, 77.187

81, 53.923, 75.709

78, 63.201, 74.127

76, 71.638, 72.334

73, 78.274, 70.125

71, 82.332, 67.288

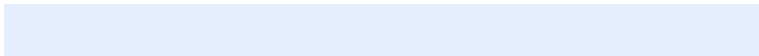
Harmonies

Complementary

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



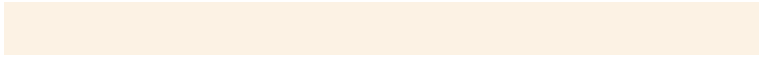
96, 8.001, 82.612



94, 7.920, 265.221

Rectangle

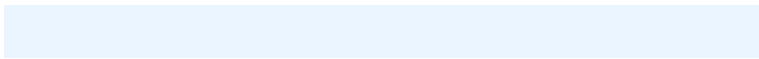
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 8.001, 82.612



96, 8.001, 132.612



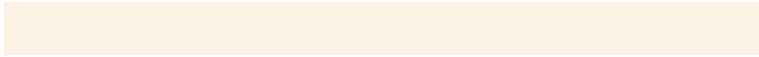
96, 8.001, 262.612



96, 8.001, 312.612

Sweetspot

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



96, 8.002, 82.631



99, 2.512, 83.367



93, 10.036, 349.212



53, 1.908, 83.296



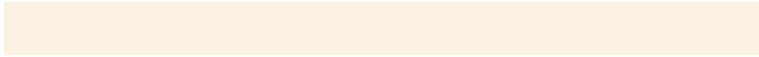
0, 0.000, 0.000



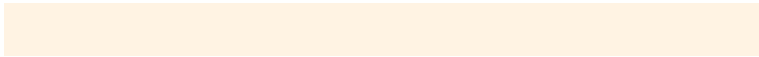
53, 0.007, 296.813

Same Dimension

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



96, 8.002, 82.631



96, 9.356, 82.443



98, 12.203, 112.653



51, 4.744, 82.634



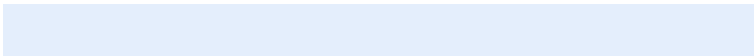
54, 66.234, 67.823



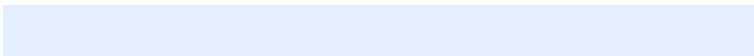
17, 26.100, 70.172

Inverse Universe

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



94, 7.920, 265.221



94, 9.238, 265.434



91, 12.478, 294.310



49, 4.695, 265.217



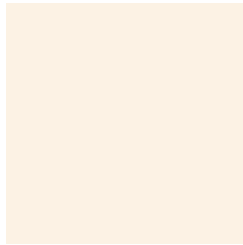
36, 67.746, 291.292



9, 26.623, 285.110

Previews

White Background



This preview shows how the CIELCh color 96, 8.001, 82.612 looks on a white background.

Color Contrast Check

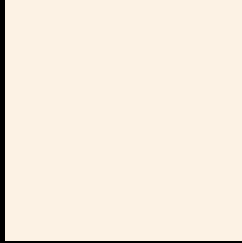
Large Text (above 18pt) WCAG AA × Fail

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, 8.001, 82.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

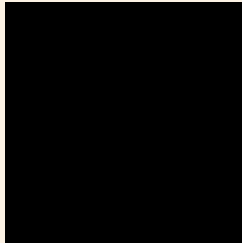
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 8.001, 82.612

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.001, 82.612.

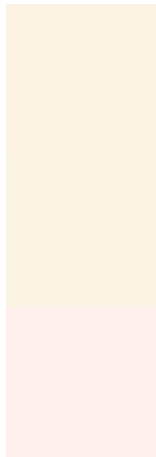


This preview shows how white text looks on a background with the CIELCh color 96, 8.001, 82.612.

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, 8.001, 82.612

Protanopia

96, 8.171, 88.760

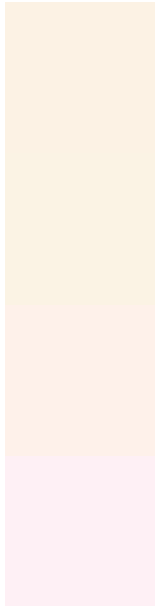
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 9.976, 324.758

Trichromacy



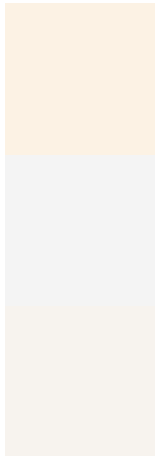
Original Color
96, 8.001, 82.612

Protanomaly
96, 8.171, 88.760

Deuteranomaly
96, 5.874, 56.991

Tritanomaly
96, 5.605, 352.534

Monochromacy



Original Color
96, 8.001, 82.612

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.906, 80.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.001, 82.612 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(252, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 228)  
}
```

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(252, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.001, 82.612 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(252, 242, 228) }
```

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

```
.border{ border-color:rgb(252, 242, 228) }
```

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

Here you see how a box with a 4 pixel rgb(252, 242, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 242,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.001, 82.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 228) }
```

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

```
.background{ background-color: rgb(252,  
242, 228) }
```

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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