

Converting Colors

CIE LCh(98, 17.222, 64.263)

Have a look what the booklet for
CIELCh(98, 17.222, 64.263) contains.

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Color

CIELCh(96, 12.528, 88.593)

Conversions

Conversions Part 1

Format	Color
Hex	FEF2DB
RGB	254, 242, 219
RGB Percent	100%, 95%, 86%
CMY	0.0025, 0.0495, 0.1396
CMYK	0.00, 0.05, 0.14, 0.00
HSL	39°, 97%, 93%
HSV	39°, 14%, 100%
XYZ	85.7133, 90.0078, 80.1444
YIQ	242.9660, 14.5350, -4.6090

Conversions

Conversions Part 2

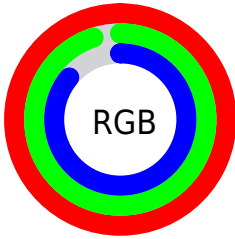
Format	Color
R _Y B	237, 254, 219
Decimal	16708315
CIE Lab	96.00, 0.31, 12.52
CIE LCh	96, 12.528, 88.593
Yxy	90.0078, 0.3350, 0.3518
Android (android.graphics.Color)	4294898395 (0xFFFEF2DB)
YUV	242.9660, -11.8152, 9.6768
Hunter-Lab	94.8724, -4.7593, 16.3249

Details

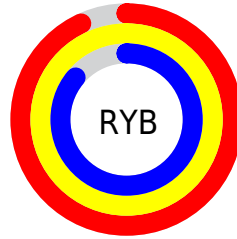
The CIELCh color **96, 12.528, 88.593** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.483, 272.280**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 12.552, 89.014** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.891, 87.294**, and if you desaturate by 10%, it is **99, 3.372, 89.817**.

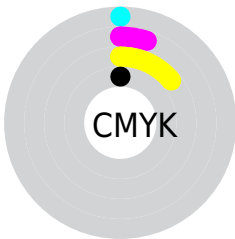
Distribution



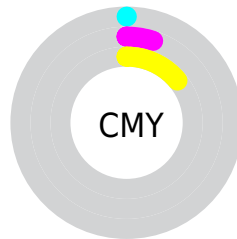
- Red (100%)
- Green (95%)
- Blue (86%)



- Red (93%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 12.528, 88.593 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, 12.528, 88.593 by changing the saturation by 10% instead.

 96, 12.528, 88.593

 96, 12.528, 88.593

 100, 12.528,
88.593

 86, 12.528, 88.593

 76, 12.528, 88.593

 66, 12.528, 88.593

 56, 12.528, 88.593

 46, 12.528, 88.593

 36, 12.528, 88.593

 26, 12.528, 88.593

 16, 12.528, 88.593

 6, 12.528, 88.593

96, 12.528, 88.593

96, 12.528, 88.593

93, 21.891, 87.294

99, 3.372, 89.817

91, 31.436, 85.937

100, 0.217,
202.447

88, 41.106, 84.537

86, 50.771, 83.089

83, 60.177, 81.574

81, 68.853, 79.937

79, 76.024, 78.070

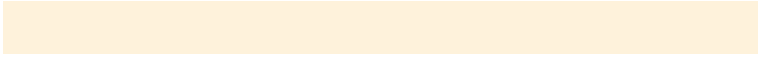
77, 80.696, 75.786

75, 82.341, 74.125

Harmonies

Complementary

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



96, 12.528, 88.593



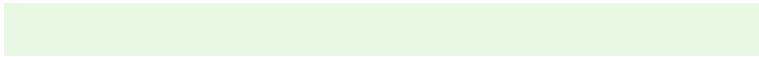
92, 12.483, 272.280

Rectangle

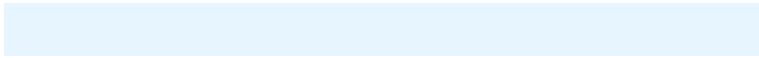
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 12.528, 88.593



96, 12.528, 138.593



96, 12.528, 268.593



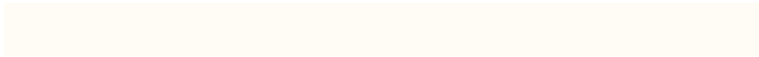
96, 12.528, 318.593

Sweetspot

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



96, 12.529, 88.605



99, 3.604, 89.791



91, 14.148, 353.888



53, 2.565, 89.710



0, 0.000, 0.000



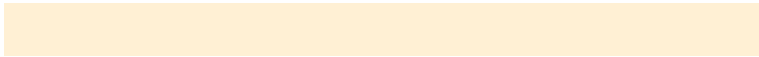
53, 0.007, 296.813

Same Dimension

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



96, 12.529, 88.605



95, 15.580, 88.185



99, 17.823, 115.027



52, 5.163, 89.141



58, 66.450, 74.684



19, 27.973, 77.450

Inverse Universe

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



92, 12.483, 272.280



90, 15.497, 272.784



89, 18.376, 297.184



50, 5.157, 271.665



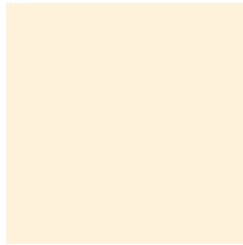
33, 77.813, 296.161



8, 31.209, 290.942

Previews

White Background



This preview shows how the CIE LCh color 96, 12.528, 88.593 looks on a white background.

Color Contrast Check

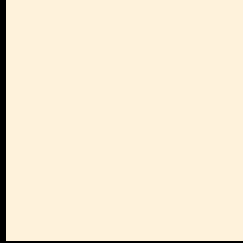
Large Text (above 18pt) WCAG AA × Fail

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, 12.528, 88.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

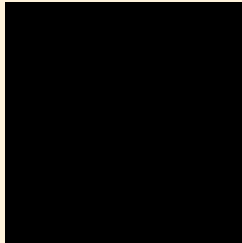
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 12.528, 88.593

Background



This preview shows how black text looks on a background with the CIELCh color 96, 12.528, 88.593.

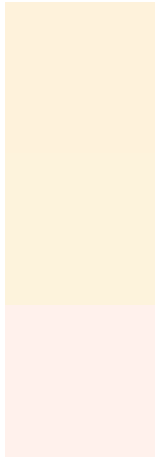


This preview shows how white text looks on a background with the CIELCh color 96, 12.528, 88.593.

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, 12.538, 88.587

Protanopia

96, 12.287, 91.834

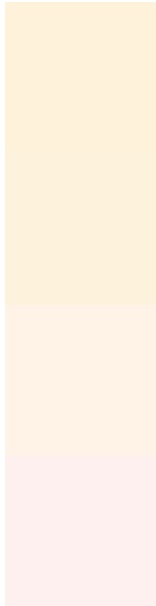
Deuteranopia

96, 5.628, 46.539



Tritanopia
96, 8.758, 330.441

Trichromacy



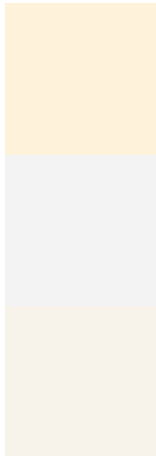
Original Color
96, 12.538, 88.587

Protanomaly
96, 12.287, 91.834

Deuteranomaly
96, 7.714, 71.984

Tritanomaly
96, 5.358, 19.646

Monochromacy



Original Color
96, 12.538, 88.587

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 4.799, 92.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 12.528, 88.593 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, 242, 219)` looks like.

```
.text, #text, p{  
    color:rgb(254, 242, 219)  
}
```

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, 242, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 242, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 12.528, 88.593 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, 242, 219) }
```

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

```
.border{ border-color:rgb(254, 242, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 242, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 242, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 242, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 242,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 12.528, 88.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 242, 219) }
```

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

```
.background{ background-color: rgb(254,  
242, 219) }
```

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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