

Converting Colors

CIELCh(100, 22.336, 51.150)

Have a look what the booklet for
CIELCh(100, 22.336, 51.150)
contains.

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Color

CIELCh(97, 12.268, 91.846)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6DF
RGB	255, 246, 223
RGB Percent	100%, 96%, 87%
CMY	0.0000, 0.0364, 0.1267
CMYK	0.00, 0.04, 0.13, 0.00
HSL	43°, 100%, 94%
HSV	43°, 13%, 100%
XYZ	87.6480, 92.4403, 82.8189
YIQ	246.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

Format	Color
R _Y B	236, 255, 223
Decimal	16774879
CIE Lab	97.00, -0.40, 12.26
CIE LCh	97, 12.268, 91.846
Yxy	92.4403, 0.3334, 0.3516
Android (android.graphics.Color)	4294964959 (0xFFFFF6DF)
YUV	246.0690, -11.3730, 7.8325
Hunter-Lab	96.1459, -5.5320, 16.2304

Details

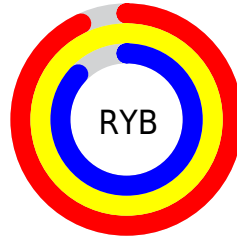
The CIELCh color **97, 12.268, 91.846** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.249, 276.310**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 12.149, 94.266** is the 20% darker color. If you saturate the color by 10%, you get **95, 21.997, 91.775**, and if you desaturate by 10%, it is **99, 2.539, 94.198**.

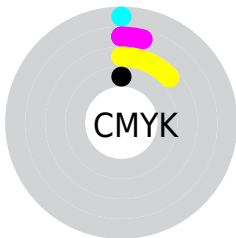
Distribution



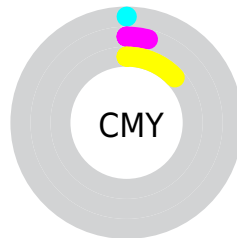
- Red (100%)
- Green (96%)
- Blue (87%)



- Red (93%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 12.268, 91.846 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 97, 12.268, 91.846 by changing the saturation by 10% instead.

 97, 12.268, 91.846

 97, 12.268, 91.846

 100, 12.268,
91.846

 87, 12.268, 91.846

 77, 12.268, 91.846

 67, 12.268, 91.846

 57, 12.268, 91.846

 47, 12.268, 91.846

 37, 12.268, 91.846

 27, 12.268, 91.846

 17, 12.268, 91.846

 7, 12.268, 91.846

97, 12.268, 91.846

97, 12.268, 91.846

95, 21.997, 91.775

99, 2.539, 94.198

92, 31.915, 90.462

100, 0.012,
296.813

90, 41.875, 89.110

88, 51.730, 87.719

86, 61.208, 86.277

84, 69.832, 84.750

82, 76.850, 83.065

80, 81.332, 81.092

79, 82.936, 79.421

Harmonies

Complementary

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



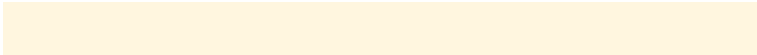
97, 12.268, 91.846



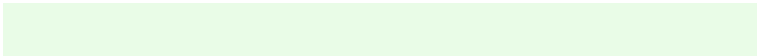
92, 12.249, 276.310

Rectangle

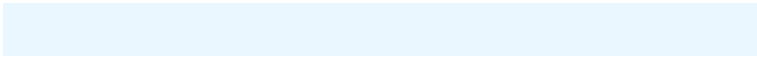
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 12.268, 91.846



97, 12.268, 141.846



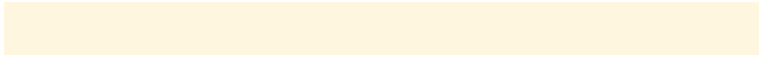
97, 12.268, 271.846



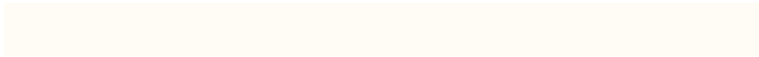
97, 12.268, 321.846

Sweetspot

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



97, 12.194, 93.044



99, 3.815, 94.070



92, 12.707, 357.161



53, 2.714, 93.989



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

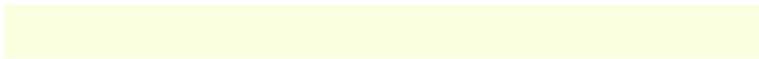
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 12.194, 93.044



96, 14.467, 92.753



99, 16.537, 117.127



52, 5.457, 93.432



61, 66.865, 79.889



20, 28.782, 82.550

Inverse Universe

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



92, 12.249, 276.310



90, 14.538, 276.651



90, 16.994, 298.928



50, 5.480, 275.868



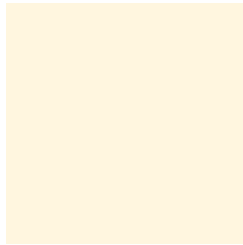
31, 84.637, 299.039



7, 33.961, 294.206

Previews

White Background



This preview shows how the CIELCh color 97, 12.268, 91.846 looks on a white background.

Color Contrast Check

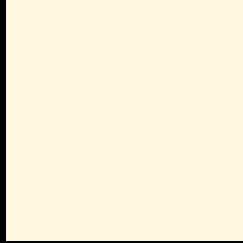
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 12.268, 91.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

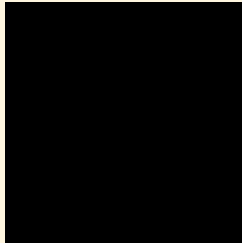
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 12.268, 91.846

Background



This preview shows how black text looks on a background with the CIELCh color 97, 12.268, 91.846.

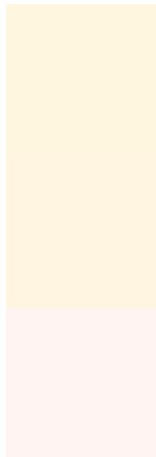


This preview shows how white text looks on a background with the CIELCh color 97, 12.268, 91.846.

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

97, 12.154, 93.514

Protanopia

97, 10.812, 89.619

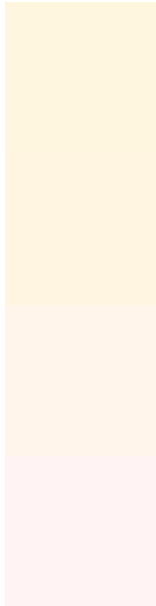
Deuteranopia

97, 4.197, 40.844



Tritanopia
97, 7.061, 326.996

Trichromacy



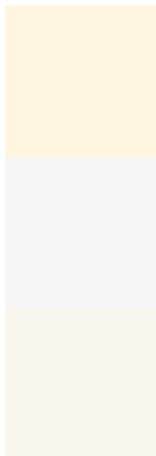
Original Color
97, 12.154, 93.514

Protanomaly
97, 11.295, 90.429

Deuteranomaly
97, 6.644, 76.862

Tritanomaly
97, 3.939, 26.928

Monochromacy



Original Color
97, 12.154, 93.514

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.200, 95.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 12.268, 91.846 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, 246, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 223)  
}
```

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, 246, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 12.268, 91.846 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, 246, 223) }
```

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

```
.border{ border-color:rgb(255, 246, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 246, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 246, 223); box-shadow:4px 4px 4px 4px rgb(255, 246, 223) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 12.268, 91.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 223) }
```

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

```
.background{ background-color: rgb(255,  
246, 223) }
```

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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