

Converting Colors

CIELCh(93, 12.610, 88.539)

Have a look what the booklet for
CIELCh(93, 12.610, 88.539) contains.

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Color

CIELCh(93, 12.621, 88.532)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6EAD3 |
| RGB | 246, 234, 211 |
| RGB Percent | 96%, 92%, 83% |
| CMY | 0.0362, 0.0832, 0.1734 |
| CMYK | 0.00, 0.05, 0.14, 0.04 |
| HSL | 39°, 65%, 90% |
| HSV | 39°, 14%, 96% |
| XYZ | 79.0206, 82.9670, 73.3367 |
| YIQ | 234.9660, 14.5350, -4.6090 |

Conversions

Conversions Part 2

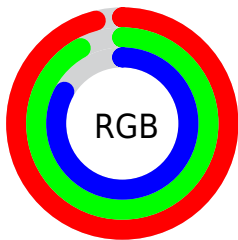
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 229, 246, 211 |
| Decimal | 16181971 |
| CIE Lab | 93.00, 0.32, 12.62 |
| CIE LCh | 93, 12.621, 88.532 |
| Yxy | 82.9670, 0.3358, 0.3526 |
| Android (android.graphics.Color) | 4294372051 (0xFFFF6EAD3) |
| YUV | 234.9660, -11.8152, 9.6768 |
| Hunter-Lab | 91.0862, -4.5457, 16.0239 |

Details

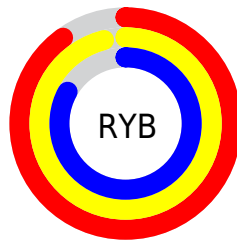
The CIELCh color **93, 12.621, 88.532** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 12.572, 272.348**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 12.802, 87.254** is the 20% darker color. If you saturate the color by 10%, you get **90, 21.735, 87.233**, and if you desaturate by 10%, it is **96, 3.707, 89.764**.

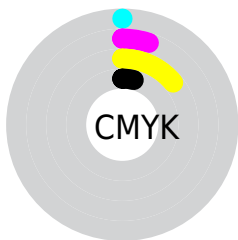
Distribution



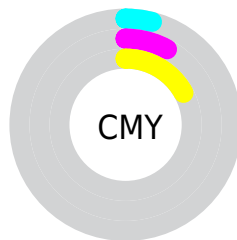
- Red (96%)
- Green (92%)
- Blue (83%)



- Red (90%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 12.621, 88.532 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 93, 12.621, 88.532 by changing the saturation by 10% instead.

 93, 12.621, 88.532

 93, 12.621, 88.532

 100, 12.621,
88.532

 83, 12.621, 88.532

 73, 12.621, 88.532

 63, 12.621, 88.532

 53, 12.621, 88.532

 43, 12.621, 88.532

 33, 12.621, 88.532

 23, 12.621, 88.532

 13, 12.621, 88.532

 3, 12.621, 88.532

93, 12.621, 88.532

93, 12.621, 88.532

90, 21.735, 87.233

96, 3.707, 89.764

88, 31.025, 85.876

98, 2.773, 253.104

85, 40.432, 84.477

99, 3.189, 199.411

83, 49.827, 83.030

81, 58.958, 81.514

78, 67.358, 79.874

76, 74.265, 78.000

74, 78.717, 75.703

73, 80.225, 74.182

Harmonies

Complementary

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



93, 12.621, 88.532



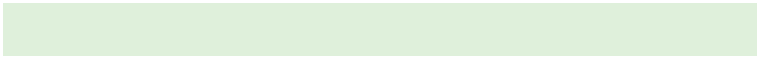
89, 12.572, 272.348

Rectangle

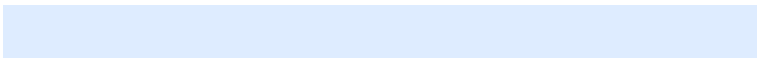
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 12.621, 88.532



93, 12.621, 138.532



93, 12.621, 268.532



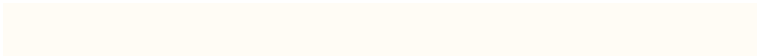
93, 12.621, 318.532

Sweetspot

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



93, 12.622, 88.543



99, 3.604, 89.789



88, 14.257, 353.938



53, 2.565, 89.707



0, 0.000, 0.000



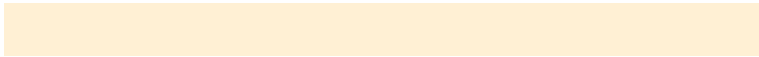
53, 0.007, 296.813

Same Dimension

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



93, 12.622, 88.543



95, 15.579, 88.182



96, 17.944, 114.992



50, 4.993, 89.144



57, 65.127, 74.742



17, 25.650, 77.516

Inverse Universe

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



89, 12.572, 272.348



90, 15.497, 272.782



86, 18.519, 297.226



48, 4.987, 271.657



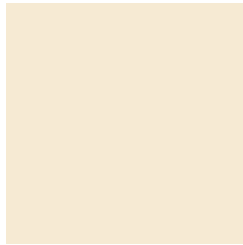
32, 76.108, 296.089



7, 29.020, 290.140

Previews

White Background



This preview shows how the CIELCh color 93, 12.621, 88.532 looks on a white background.

Color Contrast Check

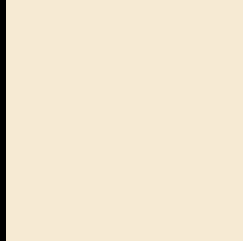
Large Text (above 18pt) WCAG AA × Fail

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 93, 12.621, 88.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

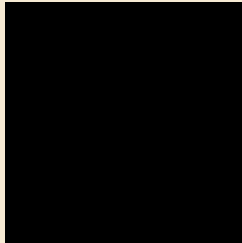
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

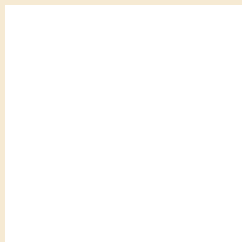
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 12.621, 88.532

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.621, 88.532.

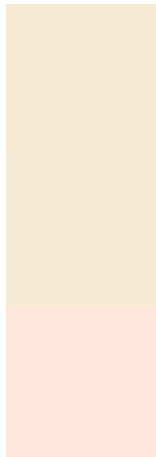


This preview shows how white text looks on a background with the CIELCh color 93, 12.621, 88.532.

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

93, 12.621, 88.532

Protanopia

93, 12.494, 90.139

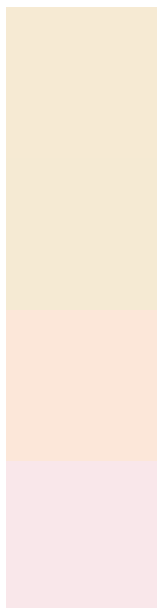
Deuteranopia

93, 10.304, 46.503



Tritanopia
93, 12.147, 330.412

Trichromacy



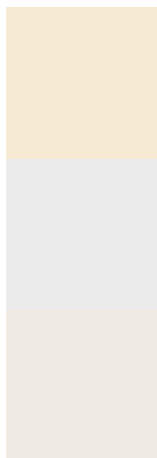
Original Color
93, 12.621, 88.532

Protanomaly
93, 12.494, 90.139

Deuteranomaly
93, 10.590, 62.426

Tritanomaly
93, 6.655, 6.390

Monochromacy



Original Color
93, 12.621, 88.532

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.830, 92.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.621, 88.532 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(246, 234, 211)` looks like.

```
.text, #text, p{  
    color:rgb(246, 234, 211)  
}
```

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(246, 234, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 234, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.621, 88.532 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(246, 234, 211) }
```

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

```
.border{ border-color:rgb(246, 234, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 234, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 234, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 234, 211);  
box-shadow:4px 4px 4px 4px rgb(246, 234,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.621, 88.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 234, 211) }
```

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

```
.background{ background-color: rgb(246,  
234, 211) }
```

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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