

Converting Colors

CIELCh(93, 12.928, 333.601)

Have a look what the booklet for
CIELCh(93, 12.928, 333.601)
contains.

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Color

CIElCh(93, 12.862, 334.128)

Conversions

Conversions Part 1

Format	Color
Hex	FDE4F6
RGB	253, 228, 246
RGB Percent	99%, 89%, 96%
CMY	0.0081, 0.1061, 0.0356
CMYK	0.00, 0.10, 0.03, 0.01
HSL	317°, 86%, 94%
HSV	317°, 10%, 99%
XYZ	84.8297, 82.9670, 98.6747
YIQ	237.5270, 9.1220, 10.8980

Conversions

Conversions Part 2

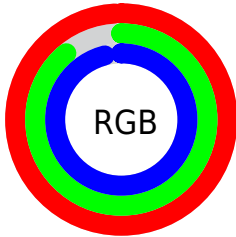
Format	Color
R _Y B	253, 228, 246
Decimal	16639222
CIE Lab	93.00, 11.57, -5.61
CIE LCh	93, 12.862, 334.128
Yxy	82.9670, 0.3183, 0.3114
Android (android.graphics.Color)	4294829302 (0xFFFDE4F6)
YUV	237.5270, 4.1772, 13.5698
Hunter-Lab	91.0862, 6.8382, -0.4692

Details

The CIELCh color `93, 12.862, 334.128` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 12.799, 152.830`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 12.601, 333.496` is the 20% darker color. If you saturate the color by 10%, you get `87, 26.021, 334.859`, and if you desaturate by 10%, it is `99, 0.143, 156.255`.

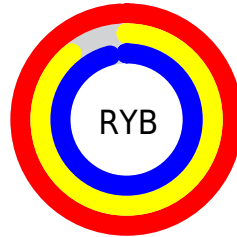
Distribution



Red (99%)

Green (89%)

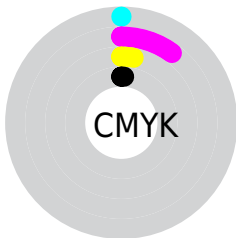
Blue (96%)



Red (99%)

Yellow (89%)

Blue (96%)

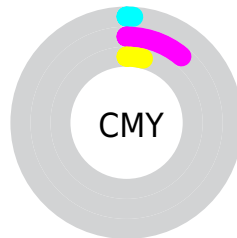


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 12.862, 334.128 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, 12.862, 334.128 by changing the saturation by 10% instead.


 93, 12.862,
334.128


 93, 12.862,
334.128


 100, 12.862,
334.128


 83, 12.862,
334.128

 73, 12.862,
334.128

 63, 12.862,
334.128

 53, 12.862,
334.128

 43, 12.862,
334.128

 33, 12.862,
334.128

 23, 12.862,

334.128

■ 13, 12.862,
334.128

■ 3, 12.862, 334.128

■ 93, 12.862,
334.128

■ 93, 12.862,
334.128

■ 87, 26.021,
334.859

■ 99, 0.143, 156.255

■ 81, 39.137,
335.622

100, 0.720,
200.281

■ 75, 51.896,
336.433

■ 70, 63.857,
337.306

■ 66, 74.455,
338.261

■ 62, 83.050,
339.334

■ 59, 89.053,
340.574

■ 57, 92.131,
342.049

■ 56, 92.606,
343.805

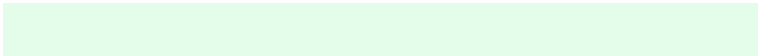
Harmonies

Complementary

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



93, 12.862, 334.128



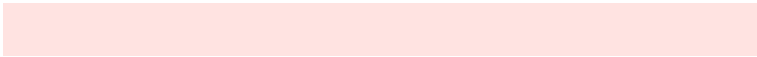
97, 12.799, 152.830

Rectangle

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



93, 12.862, 334.128



93, 12.862, 24.128



93, 12.862, 154.128



93, 12.862, 204.128

Sweetspot

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



93, 12.859, 334.130



98, 3.911, 333.591



92, 13.193, 301.171



52, 2.966, 333.666



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, 12.859, 334.130



92, 15.743, 334.283



93, 9.501, 1.633



50, 7.446, 334.103



43, 75.288, 343.486



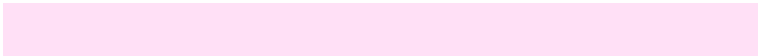
11, 35.444, 341.156

Inverse Universe

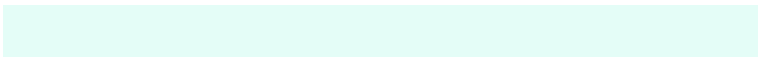
The Inverse Universe completely reimagines the original color for something new.



93, 12.859, 334.130



92, 15.743, 334.283



97, 9.168, 179.901



50, 7.446, 334.103



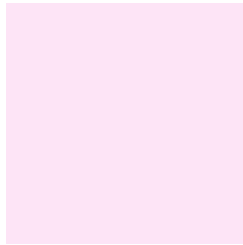
43, 75.288, 343.486



11, 35.444, 341.156

Previews

White Background



This preview shows how the CIELCh color 93, 12.862, 334.128 looks on a white background.

Color Contrast Check

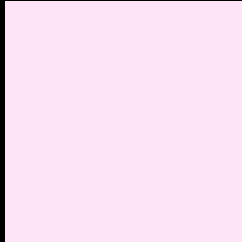
Large Text (above 18pt) WCAG AA × Fail

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, 12.862, 334.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

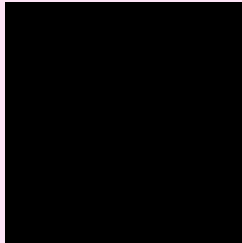
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 12.862, 334.128

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.862, 334.128.



This preview shows how white text looks on a background with the CIELCh color 93, 12.862, 334.128.

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, 12.862, 334.128

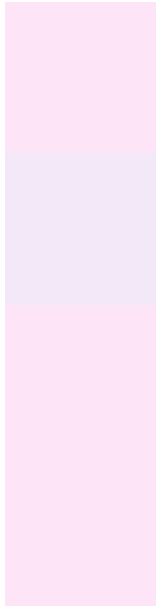
Protanopia
93, 7.760, 293.347

Deuteranopia
93, 12.862, 334.128



Tritanopia
93, 12.862, 334.128

Trichromacy



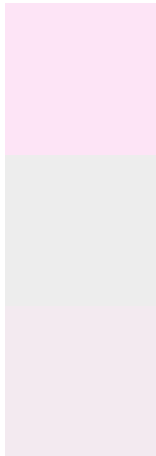
Original Color
93, 12.862, 334.128

Protanomaly
93, 9.014, 313.560

Deuteranomaly
93, 12.862, 334.128

Tritanomaly
93, 12.862, 334.128

Monochromacy



Original Color
93, 12.862, 334.128

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.470, 335.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.862, 334.128 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(253, 228, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 246)  
}
```

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(253, 228, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.862, 334.128 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(253, 228, 246) }
```

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

```
.border{ border-color:rgb(253, 228, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 228, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.862, 334.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 246) }
```

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

```
.background{ background-color: rgb(253,  
228, 246) }
```

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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