

Converting Colors

CIELCh(93, 12.754, 340.773)

Have a look what the booklet for
CIELCh(93, 12.754, 340.773)
contains.

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Color

CIElCh(93, 12.358, 341.588)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4F3
RGB	255, 228, 243
RGB Percent	100%, 89%, 95%
CMY	0.0012, 0.1071, 0.0483
CMYK	0.00, 0.11, 0.05, 0.00
HSL	327°, 98%, 95%
HSV	327°, 11%, 100%
XYZ	84.9103, 82.9670, 96.0835
YIQ	237.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

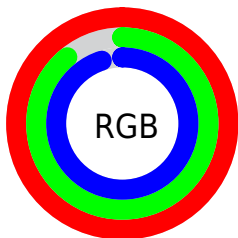
Format	Color
R _Y B	255, 228, 243
Decimal	16770291
CIE Lab	93.00, 11.73, -3.90
CIE LCh	93, 12.358, 341.588
Yxy	82.9670, 0.3217, 0.3143
Android (android.graphics.Color)	4294960371 (0xFFFFE4F3)
YUV	237.7830, 2.5720, 15.0993
Hunter-Lab	91.0862, 6.9963, 1.2175

Details

The CIELCh color `93, 12.358, 341.588` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 12.220, 159.955`, 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, 12.060, 341.526` is the 20% darker color. If you saturate the color by 10%, you get `87, 24.225, 342.493`, and if you desaturate by 10%, it is `99, 0.695, 340.158`.

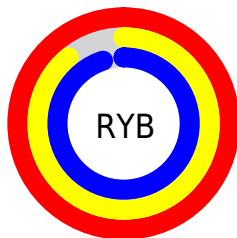
Distribution



Red (100%)

Green (89%)

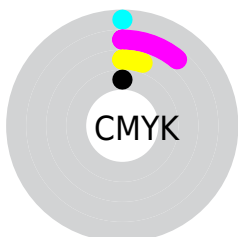
Blue (95%)



Red (100%)

Yellow (89%)

Blue (95%)

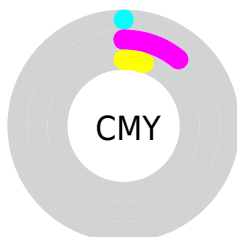


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 12.358, 341.588 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, 12.358, 341.588 by changing the saturation by 10% instead.


 93, 12.358,
341.588


 93, 12.358,
341.588


 100, 12.358,
341.588


 83, 12.358,
341.588

 73, 12.358,
341.588

 63, 12.358,
341.588

 53, 12.358,
341.588

 43, 12.358,
341.588

 33, 12.358,
341.588

 23, 12.358,

341.588

■ 13, 12.358,
341.588

■ 3, 12.358, 341.588

■ 93, 12.358,
341.588

■ 93, 12.358,
341.588

■ 87, 24.225,
342.493

■ 99, 0.695, 340.158

■ 81, 36.124,
343.480

100, 0.110,
205.429

■ 75, 47.771,
344.589

■ 70, 58.753,
345.865

■ 65, 68.527,
347.371

■ 61, 76.471,
349.198

■ 58, 82.024,
351.471

■ 56, 84.907,
354.338

■ 55, 85.587,
357.635

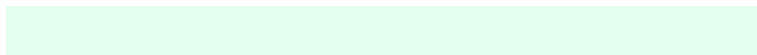
Harmonies

Complementary

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



93, 12.358, 341.588



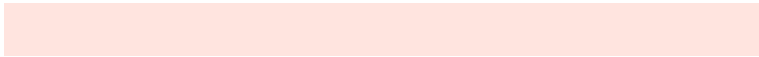
98, 12.220, 159.955

Rectangle

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



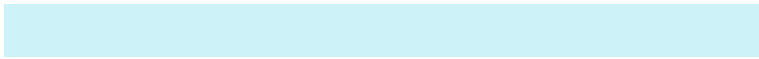
93, 12.358, 341.588



93, 12.358, 31.588



93, 12.358, 161.588



93, 12.358, 211.588

Sweetspot

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



93, 12.355, 341.591



98, 3.475, 340.878



92, 14.603, 307.219



52, 2.636, 340.970



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

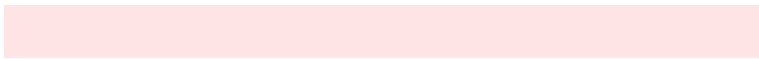
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 12.355, 341.591



92, 15.210, 341.803



93, 9.842, 14.658



50, 6.628, 341.496



41, 69.167, 356.932



11, 32.500, 352.210

Inverse Universe

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



93, 12.355, 341.591



92, 15.210, 341.803



98, 9.275, 193.190



50, 6.628, 341.496



41, 69.167, 356.932



11, 32.500, 352.210

Previews

White Background



This preview shows how the CIELCh color 93, 12.358, 341.588 looks on a white background.

Color Contrast Check

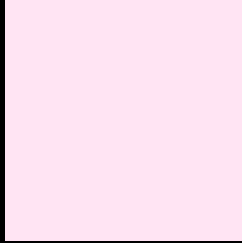
Large Text (above 18pt) WCAG AA × Fail

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, 12.358, 341.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

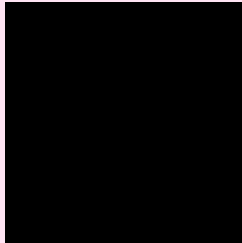
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 12.358, 341.588

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.358, 341.588.



This preview shows how white text looks on a background with the CIELCh color 93, 12.358, 341.588.

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, 12.358, 341.588

Protanopia

93, 6.249, 297.066

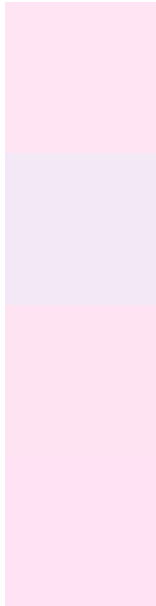
Deuteranopia

93, 12.083, 340.493



Tritanopia
93, 13.628, 337.467

Trichromacy



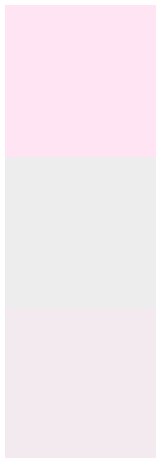
Original Color
93, 12.358, 341.588

Protanomaly
93, 7.786, 320.385

Deuteranomaly
93, 12.083, 340.493

Tritanomaly
93, 13.289, 339.105

Monochromacy



Original Color
93, 12.358, 341.588

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.128, 340.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.358, 341.588 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, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 243)  
}
```

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, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.358, 341.588 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, 228, 243) }
```

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

```
.border{ border-color:rgb(255, 228, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.358, 341.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 243) }
```

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

```
.background{ background-color: rgb(255,  
228, 243) }
```

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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