

Converting Colors

CIELCh(93, 12.000, 342.717)

Have a look what the booklet for
CIELCh(93, 12.000, 342.717)
contains.

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Color

CIELCh(93, 11.766, 342.432)

Conversions

Conversions Part 1

Format	Color
Hex	FEE4F2
RGB	254, 228, 242
RGB Percent	100%, 89%, 95%
CMY	0.0039, 0.1059, 0.0510
CMYK	0.00, 0.10, 0.05, 0.00
HSL	328°, 93%, 95%
HSV	328°, 10%, 100%
XYZ	84.6418, 82.9670, 95.5558
YIQ	237.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

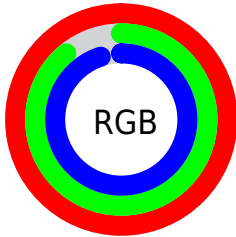
Format	Color
R _Y B	254, 228, 242
Decimal	16704754
CIE Lab	93.00, 11.22, -3.55
CIE LCh	93, 11.766, 342.432
Yxy	82.9670, 0.3216, 0.3153
Android (android.graphics.Color)	4294894834 (0xFFEE4F2)
YUV	237.3700, 2.2826, 14.5845
Hunter-Lab	91.0862, 6.4701, 1.5610

Details

The CIELCh color `93, 11.766, 342.432` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 11.628, 160.839`, 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, 11.440, 342.424` is the 20% darker color. If you saturate the color by 10%, you get `87, 23.475, 343.354`, and if you desaturate by 10%, it is `100, 0.274, 339.944`.

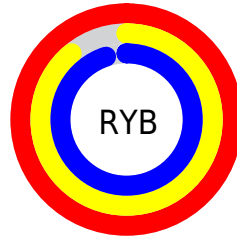
Distribution



Red (100%)

Green (89%)

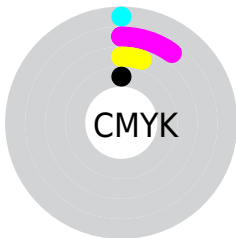
Blue (95%)



Red (100%)

Yellow (89%)

Blue (95%)

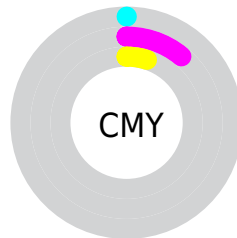


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 11.766, 342.432 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, 11.766, 342.432 by changing the saturation by 10% instead.


 93, 11.766,
342.432


 93, 11.766,
342.432


 100, 11.766,
342.432


 83, 11.766,
342.432

 73, 11.766,
342.432

 63, 11.766,
342.432

 53, 11.766,
342.432

 43, 11.766,
342.432

 33, 11.766,
342.432

 23, 11.766,

342.432

■ 13, 11.766,
342.432

■ 3, 11.766, 342.432

■ 93, 11.766,
342.432

■ 93, 11.766,
342.432

■ 87, 23.475,
343.354

■ 100, 0.274,
339.944

■ 81, 35.237,
344.362

■ 100, 0.348,
201.290

■ 75, 46.777,
345.500

■ 69, 57.692,
346.815

■ 65, 67.451,
348.373

■ 61, 75.441,
350.273

■ 58, 81.099,
352.644

■ 56, 84.142,
355.642

■ 55, 85.004,
359.241

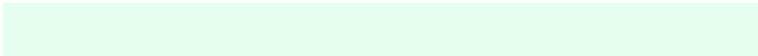
Harmonies

Complementary

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



93, 11.766, 342.432



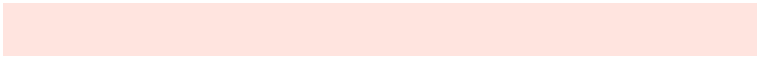
97, 11.628, 160.839

Rectangle

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



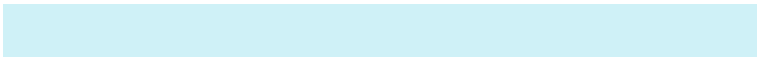
93, 11.766, 342.432



93, 11.766, 32.432



93, 11.766, 162.432



93, 11.766, 212.432

Sweetspot

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



93, 11.763, 342.436



98, 3.434, 341.741



92, 14.108, 307.785



52, 2.604, 341.834



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

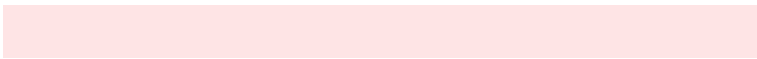
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 11.763, 342.436



92, 13.863, 342.594



93, 9.460, 15.965



50, 6.551, 342.371



41, 68.814, 358.505



11, 32.283, 353.511

Inverse Universe

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



93, 11.763, 342.436



92, 13.863, 342.594



98, 8.915, 194.632



50, 6.551, 342.371



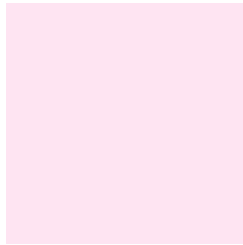
41, 68.814, 358.505



11, 32.283, 353.511

Previews

White Background



This preview shows how the CIELCh color 93, 11.766, 342.432 looks on a white background.

Color Contrast Check

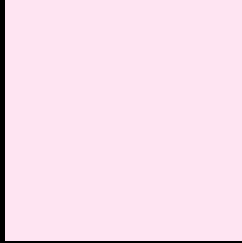
Large Text (above 18pt) WCAG AA × Fail

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 93, 11.766, 342.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

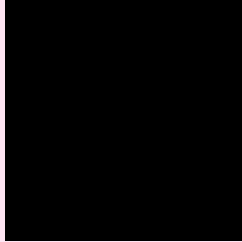
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 11.766, 342.432

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.766, 342.432.

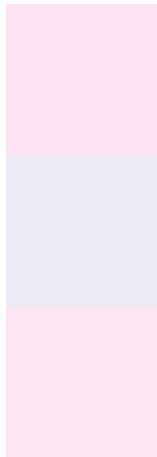


This preview shows how white text looks on a background with the CIELCh color 93, 11.766, 342.432.

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, 11.766, 342.432

Protanopia

93, 5.737, 297.612

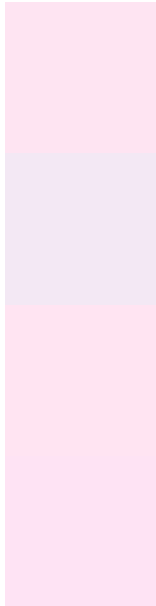
Deuteranopia

93, 12.051, 343.511



Tritanopia
93, 13.371, 336.395

Trichromacy



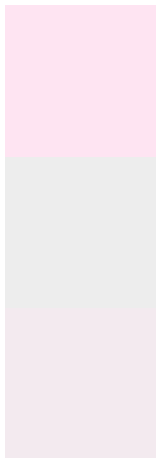
Original Color
93, 11.766, 342.432

Protanomaly
93, 7.345, 322.388

Deuteranomaly
93, 12.051, 343.511

Tritanomaly
93, 13.025, 338.036

Monochromacy



Original Color
93, 11.766, 342.432

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, 11.766, 342.432 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, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 242)  
}
```

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, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.766, 342.432 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, 228, 242) }
```

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

```
.border{ border-color:rgb(254, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.766, 342.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 242) }
```

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

```
.background{ background-color: rgb(254,  
228, 242) }
```

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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