

Converting Colors

CIELCh(93, 13.396, 306.774)

Have a look what the booklet for
CIELCh(93, 13.396, 306.774)
contains.

CIELCh(93, 12.922, 306.567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 12.922, 306.567)

Conversions

Conversions Part 1

Format	Color
Hex	F1E7FF
RGB	241, 231, 255
RGB Percent	95%, 91%, 100%
CMY	0.0554, 0.0946, 0.0005
CMYK	0.05, 0.09, 0.00, 0.00
HSL	265°, 99%, 95%
HSV	265°, 9%, 100%
XYZ	82.7979, 82.9670, 106.1452
YIQ	236.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

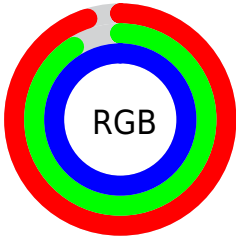
Format	Color
R _Y B	241, 231, 255
Decimal	15853567
CIE Lab	93.00, 7.70, -10.38
CIE LCh	93, 12.922, 306.567
Yxy	82.9670, 0.3045, 0.3051
Android (android.graphics.Color)	4294043647 (0xFFFF1E7FF)
YUV	236.7260, 9.0091, 3.7483
Hunter-Lab	91.0862, 2.8567, -5.3319

Details

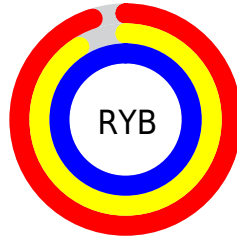
The CIELCh color `93, 12.922, 306.567` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 12.714, 125.654`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 13.070, 307.315` is the 20% darker color. If you saturate the color by 10%, you get `86, 27.063, 307.124`, and if you desaturate by 10%, it is `100, 0.056, 108.782`.

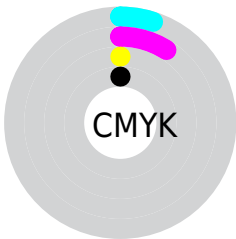
Distribution



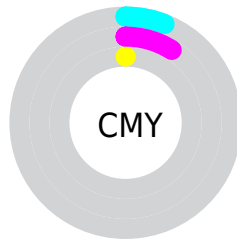
- Red (95%)
- Green (91%)
- Blue (100%)



- Red (95%)
- Yellow (91%)
- Blue (100%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (9%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 12.922, 306.567 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, 12.922, 306.567 by changing the saturation by 10% instead.


 93, 12.922,
306.567


 93, 12.922,
306.567


 100, 12.922,
306.567


 83, 12.922,
306.567


 73, 12.922,
306.567

 63, 12.922,
306.567

 53, 12.922,
306.567

 43, 12.922,
306.567

 33, 12.922,
306.567

 23, 12.922,

306.567

■ 13, 12.922,
306.567

■ 3, 12.922, 306.567

■ 93, 12.922,
306.567

■ 93, 12.922,
306.567

■ 86, 27.063,
307.124

100, 0.056,
108.782

■ 78, 41.617,
307.736

■ 71, 56.491,
308.389

■ 64, 71.497,
309.060

■ 57, 86.278,
309.701

■ 51, 100.215,
310.234

■ 46, 112.357,
310.544

■ 41, 121.509,
310.486

■ 39, 126.983,
309.987

Harmonies

Complementary

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



93, 12.922, 306.567



99, 12.714, 125.654

Rectangle

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



93, 12.922, 306.567



93, 12.922, 356.567



93, 12.922, 126.567



93, 12.922, 176.567

Sweetspot

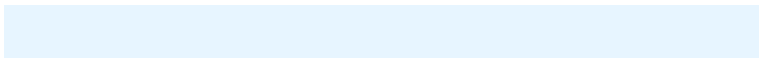
The Sweet Spot groups the original color and five complimentary colors.



93, 12.920, 306.564



98, 4.083, 306.220



96, 6.879, 245.030



52, 3.098, 306.265



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, 12.920, 306.564



92, 15.140, 306.650



94, 14.539, 322.156



49, 7.807, 306.569



28, 102.327, 310.143



5, 44.909, 310.626

Inverse Universe

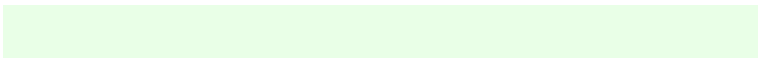
The Inverse Universe completely reimagines the original color for something new.



94, 11.185, 340.107



93, 13.094, 340.241



98, 14.490, 141.242



50, 6.758, 340.114



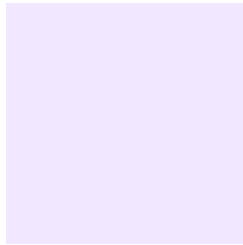
42, 69.870, 354.428



11, 32.894, 350.147

Previews

White Background



This preview shows how the CIE LCh color 93, 12.922, 306.567 looks on a white background.

Color Contrast Check

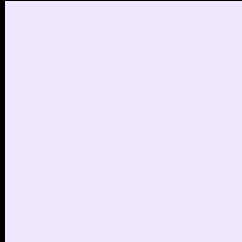
Large Text (above 18pt) WCAG AA × Fail

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, 12.922, 306.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

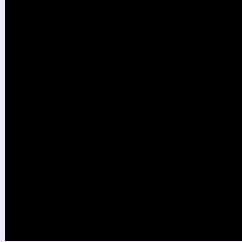
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 12.922, 306.567

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.922, 306.567.

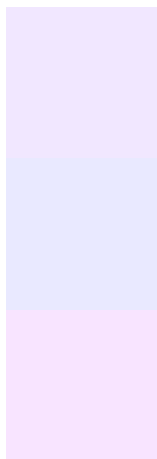


This preview shows how white text looks on a background with the CIELCh color 93, 12.922, 306.567.

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

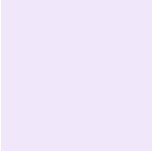
93, 12.922, 306.567

Protanopia

93, 11.367, 291.076

Deuteranopia

93, 15.654, 317.449



Tritanopia
93, 9.744, 307.434

Trichromacy



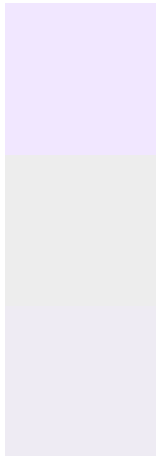
Original Color
93, 12.922, 306.567

Protanomaly
93, 11.990, 297.666

Deuteranomaly
93, 14.601, 313.412

Tritanomaly
93, 10.737, 305.894

Monochromacy



Original Color
93, 12.922, 306.567

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 4.279, 304.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.922, 306.567 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(241, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 255)  
}
```

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(241, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.922, 306.567 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(241, 231, 255) }
```

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

```
.border{ border-color:rgb(241, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.922, 306.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 255) }
```

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

```
.background{ background-color: rgb(241,  
231, 255) }
```

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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