

Converting Colors

CIELCh(93, 9.259, 319.982)

Have a look what the booklet for
CIELCh(93, 9.259, 319.982) contains.

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Color

CIELCh(93, 9.037, 321.024)

Conversions

Conversions Part 1

Format	Color
Hex	F4E7F6
RGB	244, 231, 246
RGB Percent	96%, 91%, 96%
CMY	0.0435, 0.0944, 0.0356
CMYK	0.01, 0.06, 0.00, 0.04
HSL	292°, 45%, 93%
HSV	292°, 6%, 96%
XYZ	82.4484, 82.9670, 98.7845
YIQ	236.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

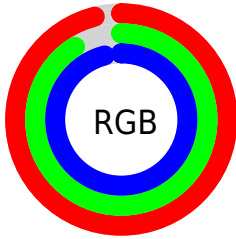
Format	Color
R_{YB}	244, 231, 246
Decimal	16050166
CIE Lab	93.00, 7.03, -5.68
CIE LCh	93, 9.037, 321.024
Yxy	82.9670, 0.3121, 0.3140
Android (android.graphics.Color)	4294240246 (0xFF4E7F6)
YUV	236.5970, 4.6357, 6.4924
Hunter-Lab	91.0862, 2.1716, -0.5406

Details

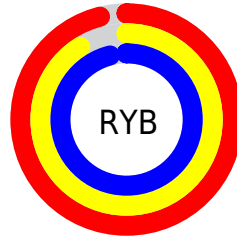
The CIELCh color **93, 9.037, 321.024** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 8.999, 140.497**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.499, 321.109** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.022, 321.517**, and if you desaturate by 10%, it is **99, 5.391, 140.431**.

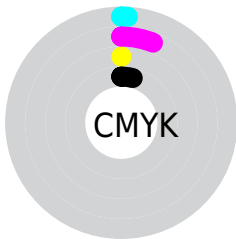
Distribution



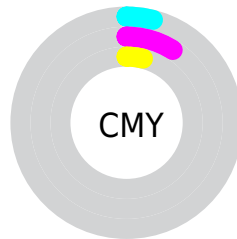
- Red (96%)
- Green (91%)
- Blue (96%)



- Red (96%)
- Yellow (91%)
- Blue (96%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.037, 321.024 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, 9.037, 321.024 by changing the saturation by 10% instead.

 93, 9.037, 321.024

 93, 9.037, 321.024

 100, 9.037,
321.024

 83, 9.037, 321.024

 73, 9.037, 321.024

 63, 9.037, 321.024

 53, 9.037, 321.024

 43, 9.037, 321.024

 33, 9.037, 321.024

 23, 9.037, 321.024

 13, 9.037, 321.024

 3, 9.037, 321.024

93, 9.037, 321.024

93, 9.037, 321.024

87, 24.022,
321.517

99, 5.391, 140.431

81, 39.098,
321.993

99, 4.888, 128.884

75, 54.008,
322.446

100, 4.625,
115.301

70, 68.385,
322.856

100, 4.598,
109.818

65, 81.725,
323.193

61, 93.409,
323.424

57, 102.778,
323.515

55, 109.297,
323.432

■ 53,112.786,
323.160

Harmonies

Complementary

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



93, 9.037, 321.024



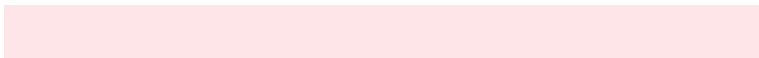
96, 8.999, 140.497

Rectangle

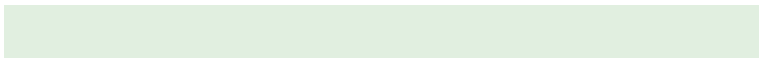
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



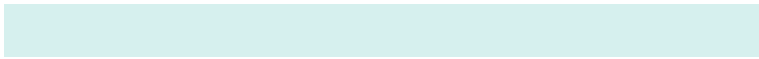
93, 9.037, 321.024



93, 9.037, 11.024



93, 9.037, 141.024



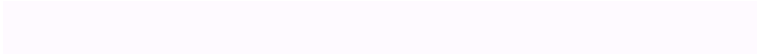
93, 9.037, 191.024

Sweetspot

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



93, 9.034, 321.023



99, 3.047, 320.771



93, 6.623, 283.960



53, 1.732, 320.761



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, 9.034, 321.023



95, 10.689, 321.070



93, 7.355, 336.761



49, 6.719, 321.099



40, 92.164, 323.106



9, 40.898, 323.762

Inverse Universe

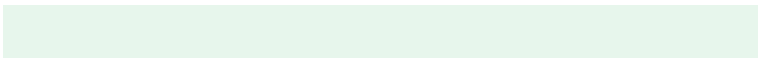
The Inverse Universe completely reimagines the original color for something new.



93, 5.487, 8.875



95, 6.505, 8.973



96, 7.314, 155.994



48, 4.095, 9.034



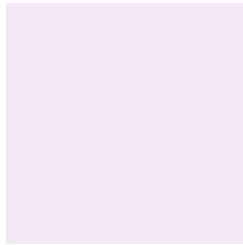
39, 76.686, 34.011



8, 30.276, 19.580

Previews

White Background



This preview shows how the CIELCh color 93, 9.037, 321.024 looks on a white background.

Color Contrast Check

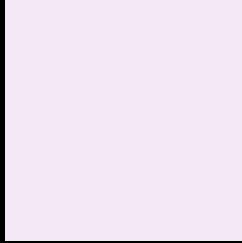
Large Text (above 18pt) WCAG AA × Fail

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, 9.037, 321.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

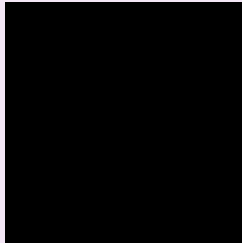
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

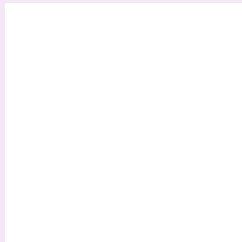
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.037, 321.024

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.037, 321.024.



This preview shows how white text looks on a background with the CIELCh color 93, 9.037, 321.024.

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, 9.037, 321.024

Protanopia

93, 6.730, 293.670

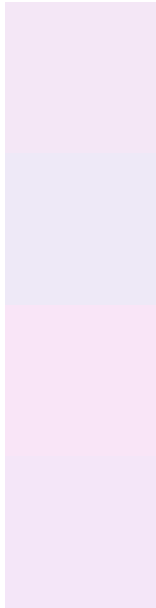
Deuteranopia

93, 13.001, 331.394



Tritanopia
93, 11.022, 317.193

Trichromacy



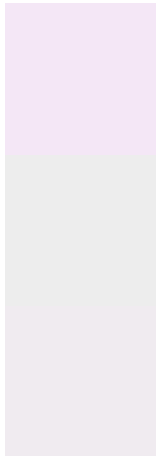
Original Color
93, 9.037, 321.024

Protanomaly
93, 7.465, 304.221

Deuteranomaly
93, 11.709, 327.710

Tritanomaly
93, 10.564, 318.437

Monochromacy



Original Color
93, 9.037, 321.024

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.149, 324.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.037, 321.024 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(244, 231, 246)` looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 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(244, 231, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.037, 321.024 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(244, 231, 246) }
```

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

```
.border{ border-color:rgb(244, 231, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 231, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 246);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.037, 321.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 231, 246) }
```

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

```
.background{ background-color: rgb(244,  
231, 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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