

Converting Colors

CIE LCh(93, 7.115, 327.516)

Have a look what the booklet for
CIELCh(93, 7.115, 327.516) contains.

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Color

CIELCh(93, 7.344, 329.241)

Conversions

Conversions Part 1

Format	Color
Hex	F4E7F2
RGB	244, 231, 242
RGB Percent	96%, 91%, 95%
CMY	0.0423, 0.0933, 0.0501
CMYK	0.00, 0.05, 0.01, 0.04
HSL	309°, 38%, 93%
HSV	309°, 5%, 96%
XYZ	82.0783, 82.9670, 95.8623
YIQ	236.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

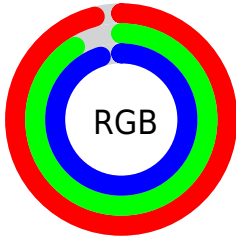
Format	Color
R_{YB}	244, 231, 242
Decimal	16050162
CIE Lab	93.00, 6.31, -3.76
CIE LCh	93, 7.344, 329.241
Yxy	82.9670, 0.3146, 0.3180
Android (android.graphics.Color)	4294240242 (0xFF4E7F2)
YUV	236.1410, 2.8885, 6.8923
Hunter-Lab	91.0862, 1.4464, 1.3615

Details

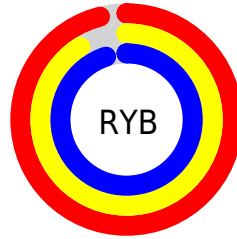
The CIELCh color `93, 7.344, 329.241` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 7.318, 148.689`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 7.720, 329.341` is the 20% darker color. If you saturate the color by 10%, you get `87, 21.259, 329.885`, and if you desaturate by 10%, it is `99, 5.975, 149.070`.

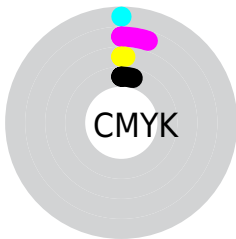
Distribution



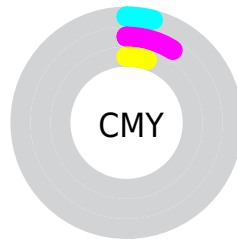
- Red (96%)
- Green (91%)
- Blue (95%)



- Red (96%)
- Yellow (91%)
- Blue (95%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.344, 329.241 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, 7.344, 329.241 by changing the saturation by 10% instead.

 93, 7.344, 329.241

 93, 7.344, 329.241

 100, 7.344,
329.241

 83, 7.344, 329.241

 73, 7.344, 329.241

 63, 7.344, 329.241


 53, 7.344, 329.241

 43, 7.344, 329.241

 33, 7.344, 329.241

 23, 7.344, 329.241

 13, 7.344, 329.241

 3, 7.344, 329.241

93, 7.344, 329.241

93, 7.344, 329.241

87, 21.259,
329.885

99, 5.975, 149.070

81, 35.200,
330.520

99, 4.640, 164.035

76, 48.890,
331.162

99, 3.823, 187.757

71, 61.934,
331.810

66, 73.817,
332.461

62, 83.937,
333.118

59, 91.690,
333.789

57, 96.637,
334.491

■ 56, 98.693,
335.252

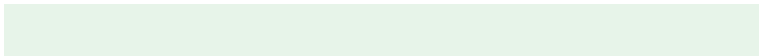
Harmonies

Complementary

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



93, 7.344, 329.241



95, 7.318, 148.689

Rectangle

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



93, 7.344, 329.241



93, 7.344, 19.241



93, 7.344, 149.241



93, 7.344, 199.241

Sweetspot

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



93, 7.341, 329.242



99, 2.855, 328.966



92, 6.773, 296.466



53, 1.623, 328.954



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

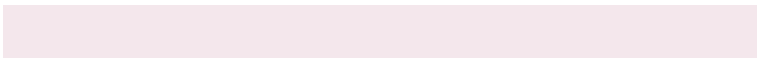
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 7.341, 329.242



96, 8.575, 329.290



93, 5.219, 352.978



49, 5.503, 329.331



43, 80.885, 335.483



10, 36.531, 334.380

Inverse Universe

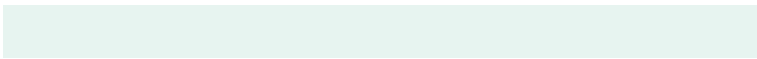
The Inverse Universe completely reimagines the original color for something new.



93, 7.341, 329.242



96, 8.575, 329.290



95, 5.144, 172.210



49, 5.503, 329.331



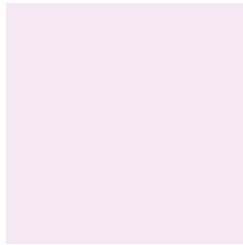
43, 80.885, 335.483



10, 36.531, 334.380

Previews

White Background



This preview shows how the CIELCh color 93, 7.344, 329.241 looks on a white background.

Color Contrast Check

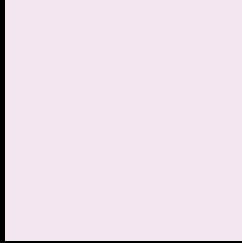
Large Text (above 18pt) WCAG AA × Fail

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, 7.344, 329.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

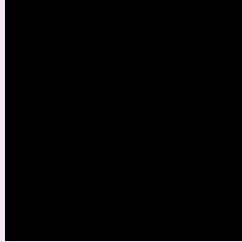
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

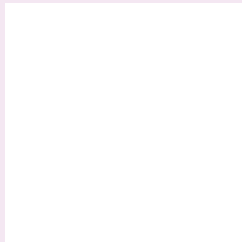
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.344, 329.241

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.344, 329.241.

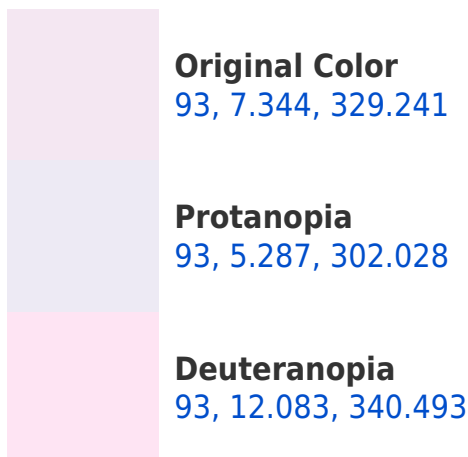


This preview shows how white text looks on a background with the CIELCh color 93, 7.344, 329.241.

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](#).

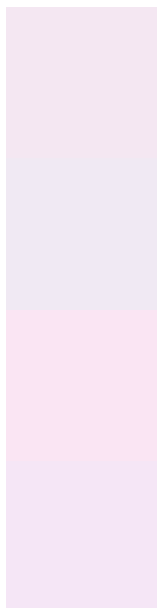
Dichromacy





Tritanopia
93, 10.732, 320.106

Trichromacy



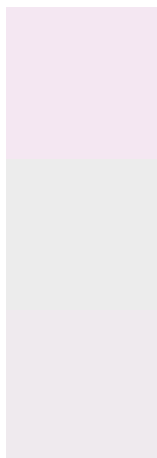
Original Color
93, 7.344, 329.241

Protanomaly
93, 5.752, 315.869

Deuteranomaly
93, 10.412, 336.222

Tritanomaly
93, 9.852, 323.060

Monochromacy



Original Color
93, 7.344, 329.241

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.742, 330.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.344, 329.241 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 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(244, 231, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.344, 329.241 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, 242) }
```

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

```
.border{ border-color:rgb(244, 231, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 242);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.344, 329.241 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, 242) }
```

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

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