

# Converting Colors

CIE LCh(93, 9.132, 325.151)

Have a look what the booklet for  
CIELCh(93, 9.132, 325.151) contains.

<b>CIELCh(93, 8.793, 324.723)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# Color

**CIELCh(93, 8.793, 324.723)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5E7F5
RGB	245, 231, 245
RGB Percent	96%, 91%, 96%
CMY	0.0401, 0.0950, 0.0401
CMYK	0.00, 0.06, 0.00, 0.04
HSL	300°, 41%, 93%
HSV	300°, 6%, 96%
XYZ	82.5277, 82.9670, 97.8598
YIQ	236.7820, 3.8500, 7.3220

# Conversions

## Conversions Part 2

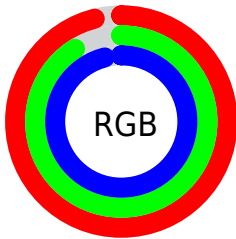
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 231, 245
Decimal	16115701
CIE Lab	93.00, 7.18, -5.08
CIE LCh	93, 8.793, 324.723
Yxy	82.9670, 0.3134, 0.3150
Android (android.graphics.Color)	4294305781 (0xFFFF5E7F5)
YUV	236.7820, 4.0515, 7.2072
Hunter-Lab	91.0862, 2.3271, 0.0613

# Details

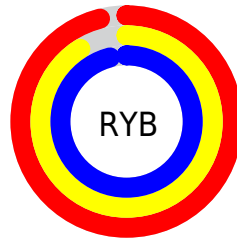
The CIELCh color **93, 8.793, 324.723** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 8.770, 144.147**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.240, 324.817** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.288, 325.297**, and if you desaturate by 10%, it is **99, 6.354, 144.262**.

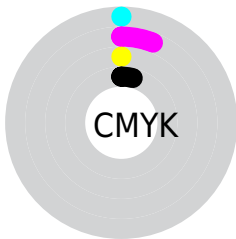
# Distribution



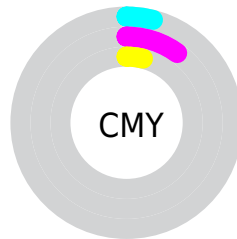
- Red (96%)
- Green (91%)
- Blue (96%)



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



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



- Cyan (4%)
- Magenta (10%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.793, 324.723 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, 8.793, 324.723 by changing the saturation by 10% instead.



 93, 8.793, 324.723

 93, 8.793, 324.723

 100, 8.793,  
324.723

 83, 8.793, 324.723

 73, 8.793, 324.723

 63, 8.793, 324.723

 53, 8.793, 324.723

 43, 8.793, 324.723

 33, 8.793, 324.723

 23, 8.793, 324.723

 13, 8.793, 324.723

 3, 8.793, 324.723

93, 8.793, 324.723

93, 8.793, 324.723

87, 24.288,  
325.297

99, 6.354, 144.262

81, 39.774,  
325.848

99, 6.354, 144.263

76, 54.935,  
326.375

99, 6.354, 144.263

71, 69.339,  
326.864

99, 6.354, 144.263

67, 82.447,  
327.298

99, 6.354, 144.264

64, 93.651,  
327.659

99, 6.354, 144.264

61, 102.384,  
327.935

99, 6.354, 144.265

59, 108.273,  
328.117

■ 58,111.310,  
328.211

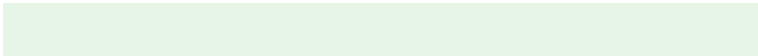
# Harmonies

# Complementary

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



93, 8.793, 324.723



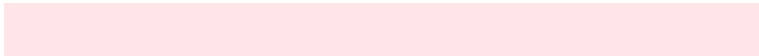
95, 8.770, 144.147

# Rectangle

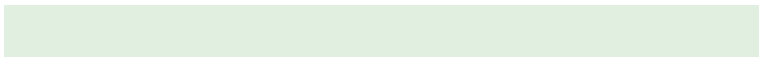
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 8.793, 324.723



93, 8.793, 14.723



93, 8.793, 144.723



93, 8.793, 194.723

# Sweetspot

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



93, 8.790, 324.723



99, 3.176, 324.455



92, 7.248, 290.763



53, 1.806, 324.445



0, 0.000, 0.000



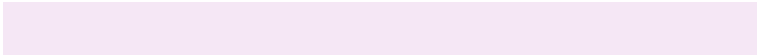
53, 0.007, 296.813





# Same Dimension

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



93, 8.790, 324.723



96, 11.134, 324.801



93, 6.180, 344.048



49, 6.999, 324.835



44, 91.228, 328.233



11, 40.561, 328.233



# Inverse Universe

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



93, 8.790, 324.723



96, 11.134, 324.801



95, 6.124, 163.254



49, 6.999, 324.835



44, 91.228, 328.233

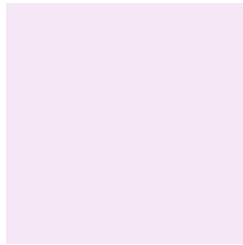


11, 40.561, 328.233



# Previews

## White Background



This preview shows how the CIELCh color 93, 8.793, 324.723 looks on a white background.

## Color Contrast Check

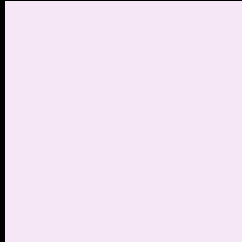
Large Text (above 18pt) WCAG AA × Fail

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, 8.793, 324.723 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

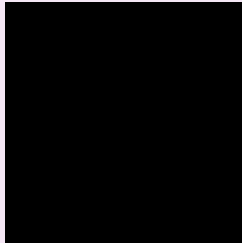
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

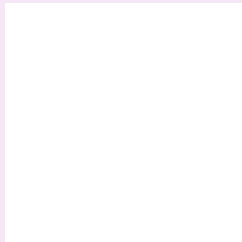
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 93, 8.793, 324.723

## Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.793, 324.723.



This preview shows how white text looks on a background with the CIELCh color 93, 8.793, 324.723.

# 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



<b>Original Color</b>
93, 8.793, 324.723
<b>Protanopia</b>
93, 6.249, 297.066
<b>Deuteranopia</b>
93, 12.500, 335.769





**Tritanopia**  
93, 10.732, 320.106

# Trichromacy



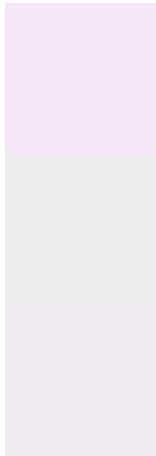
**Original Color**  
93, 8.793, 324.723

**Protanomaly**  
93, 7.064, 307.939

**Deuteranomaly**  
93, 11.146, 332.406

**Tritanomaly**  
93, 10.288, 321.518

# Monochromacy



**Original Color**  
93, 8.793, 324.723

**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, 8.793, 324.723 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(245, 231, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 245)  
}
```

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(245, 231, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 245) }
```

## Border

The CSS property to change the border of an element to CIELCh 93, 8.793, 324.723 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(245, 231, 245) }
```

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

```
.border{ border-color:rgb(245, 231, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 231, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
245) }
```

# Background

The CSS property to change the background color of an element to CIELCh 93, 8.793, 324.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 245) }
```

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

```
.background{ background-color: rgb(245,  
231, 245) }
```

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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