

Converting Colors

CIELCh(93, 8.236, 318.603)

Have a look what the booklet for
CIELCh(93, 8.236, 318.603) contains.

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Color

CIELCh(93, 8.243, 318.604)

Conversions

Conversions Part 1

Format	Color
Hex	F2E7F5
RGB	242, 231, 245
RGB Percent	95%, 91%, 96%
CMY	0.0493, 0.0924, 0.0375
CMYK	0.01, 0.06, 0.00, 0.04
HSL	287°, 42%, 94%
HSV	287°, 6%, 96%
XYZ	82.0124, 82.9670, 98.4276
YIQ	235.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

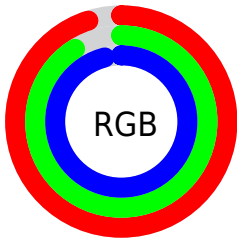
Format	Color
R _Y B	242, 231, 245
Decimal	15919093
CIE Lab	93.00, 6.18, -5.45
CIE LCh	93, 8.243, 318.604
Yxy	82.9670, 0.3114, 0.3150
Android (android.graphics.Color)	4294109173 (0xFF F2 E7 F5)
YUV	235.8850, 4.4937, 5.3629
Hunter-Lab	91.0862, 1.3173, -0.3083

Details

The CIELCh color `93, 8.243, 318.604` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 8.198, 138.155`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 8.666, 318.680` is the 20% darker color. If you saturate the color by 10%, you get `87, 22.882, 319.066`, and if you desaturate by 10%, it is `99, 5.512, 137.595`.

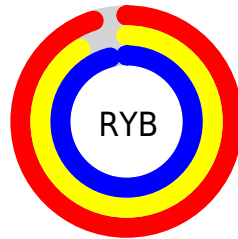
Distribution



Red (95%)

Green (91%)

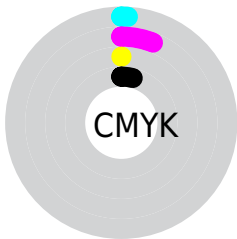
Blue (96%)



Red (95%)

Yellow (91%)

Blue (96%)

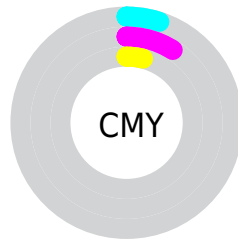


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (5%)

Magenta (9%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.243, 318.604 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, 8.243, 318.604 by changing the saturation by 10% instead.

 93, 8.243, 318.604

 93, 8.243, 318.604

 100, 8.243,
318.604

 83, 8.243, 318.604

 73, 8.243, 318.604

 63, 8.243, 318.604

 53, 8.243, 318.604

 43, 8.243, 318.604

 33, 8.243, 318.604

 23, 8.243, 318.604

 13, 8.243, 318.604

 3, 8.243, 318.604

93, 8.243, 318.604

93, 8.243, 318.604

87, 22.882,
319.066

99, 5.512, 137.595

80, 37.682,
319.518

100, 4.900,
118.273

74, 52.431,
319.953

100, 4.838,
109.801

69, 66.808,
320.346

63, 80.351,
320.666

59, 92.453,
320.869

55, 102.412,
320.908

52, 109.585,
320.733

■ 50,113.641,
320.308

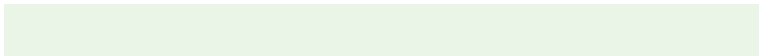
Harmonies

Complementary

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



93, 8.243, 318.604



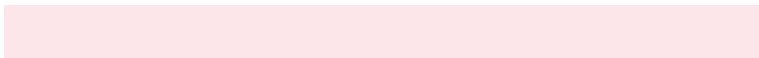
96, 8.198, 138.155

Rectangle

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



93, 8.243, 318.604



93, 8.243, 8.604



93, 8.243, 138.604



93, 8.243, 188.604

Sweetspot

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



93, 8.240, 318.602



99, 2.975, 318.387



93, 5.746, 280.093



53, 1.691, 318.378



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, 8.240, 318.602



95, 10.442, 318.665



93, 7.205, 333.950



48, 6.565, 318.693



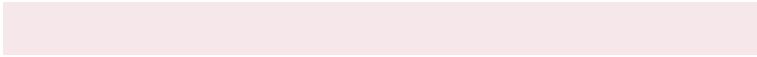
37, 93.167, 320.201



8, 41.252, 321.196

Inverse Universe

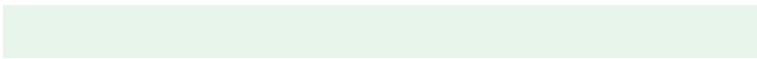
The Inverse Universe completely reimagines the original color for something new.



93, 5.257, 2.582



95, 6.676, 2.730



95, 7.173, 153.287



48, 4.201, 2.794



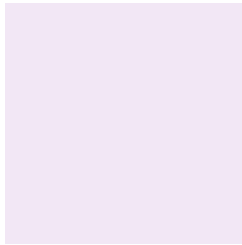
39, 72.702, 28.390



9, 29.944, 16.034

Previews

White Background



This preview shows how the CIELCh color 93, 8.243, 318.604 looks on a white background.

Color Contrast Check

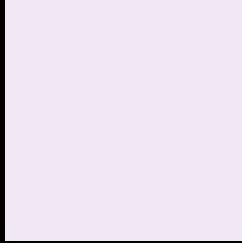
Large Text (above 18pt) WCAG AA × Fail

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, 8.243, 318.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

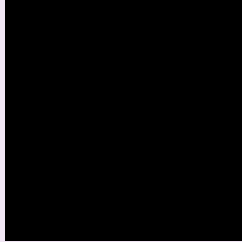
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

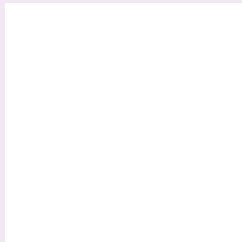
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.243, 318.604

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.243, 318.604.

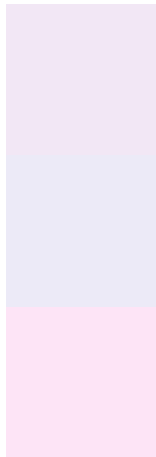


This preview shows how white text looks on a background with the CIELCh color 93, 8.243, 318.604.

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, 8.243, 318.604

Protanopia

93, 6.762, 296.608

Deuteranopia

93, 12.862, 334.128



Tritanopia
93, 10.247, 314.951

Trichromacy



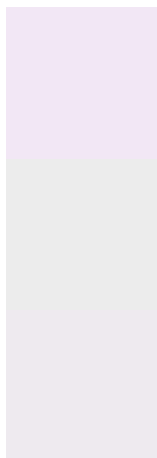
Original Color
93, 8.243, 318.604

Protanomaly
93, 6.965, 305.196

Deuteranomaly
93, 11.306, 329.295

Tritanomaly
93, 9.780, 316.185

Monochromacy



Original Color
93, 8.243, 318.604

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.965, 318.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.243, 318.604 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(242, 231, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 231, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.243, 318.604 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(242, 231, 245) }
```

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

```
.border{ border-color:rgb(242, 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(242, 231, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.243, 318.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 245) }
```

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

```
.background{ background-color: rgb(242,  
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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