

Converting Colors

CIE LCh(93, 5.380, 305.687)

Have a look what the booklet for
CIELCh(93, 5.380, 305.687) contains.

CIELCh(93, 5.376, 305.686)	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, 5.376, 305.686)

Conversions

Conversions Part 1

Format	Color
Hex	EDE9F3
RGB	237, 233, 243
RGB Percent	93%, 91%, 95%
CMY	0.0695, 0.0852, 0.0460
CMYK	0.02, 0.04, 0.00, 0.05
HSL	264°, 30%, 93%
HSV	264°, 4%, 95%
XYZ	80.4473, 82.9670, 96.7813
YIQ	235.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

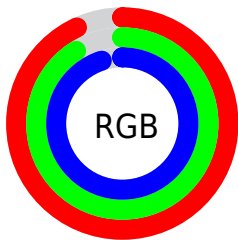
Format	Color
R_{YB}	237, 233, 243
Decimal	15591923
CIE _{Lab}	93.00, 3.14, -4.37
CIE _{LCh}	93, 5.376, 305.686
Yxy	82.9670, 0.3092, 0.3189
Android (android.graphics.Color)	4293782003 (0xFFE9E9F3)
YUV	235.3360, 3.7784, 1.4593
Hunter-Lab	91.0862, -1.7498, 0.7633

Details

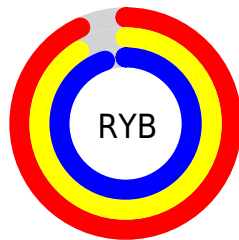
The CIELCh color **93, 5.376, 305.686** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.318, 125.311**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.655, 305.749** is the 20% darker color. If you saturate the color by 10%, you get **86, 18.731, 306.227**, and if you desaturate by 10%, it is **99, 6.053, 120.276**.

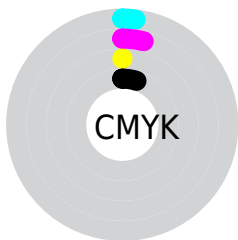
Distribution



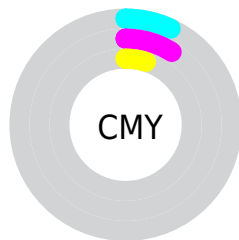
- Red (93%)
- Green (91%)
- Blue (95%)



- Red (93%)
- Yellow (91%)
- Blue (95%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.376, 305.686 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, 5.376, 305.686 by changing the saturation by 10% instead.

93, 5.376, 305.686

93, 5.376, 305.686

100, 5.376,
305.686

83, 5.376, 305.686

73, 5.376, 305.686

63, 5.376, 305.686

53, 5.376, 305.686

43, 5.376, 305.686

33, 5.376, 305.686

23, 5.376, 305.686

13, 5.376, 305.686

3, 5.376, 305.686

93, 5.376, 305.686

93, 5.376, 305.686

86, 18.731,
306.227

99, 6.053, 120.276

79, 32.514,
306.827

100, 5.936,
109.721

72, 46.674,
307.481

65, 61.095,
308.172

58, 75.539,
308.869

52, 89.570,
309.511

46, 102.453,
310.002

41, 113.125,
310.209

■ 38,120.422,
309.983

Harmonies

Complementary

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



93, 5.376, 305.686



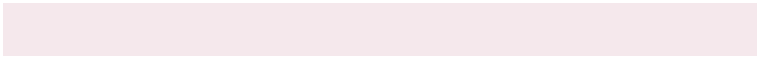
95, 5.318, 125.311

Rectangle

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



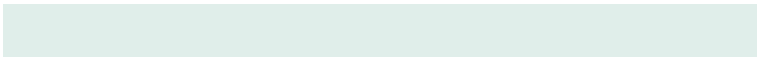
93, 5.376, 305.686



93, 5.376, 355.686



93, 5.376, 125.686



93, 5.376, 175.686

Sweetspot

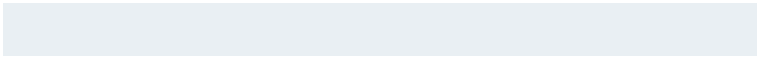
The Sweet Spot groups the original color and five complimentary colors.



93, 5.374, 305.678



99, 1.360, 305.467



94, 2.897, 242.467



53, 0.773, 305.461



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

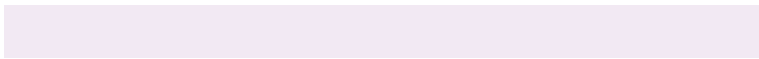
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.374, 305.678



96, 6.800, 305.727



93, 6.059, 321.395



49, 4.491, 305.764



27, 100.610, 309.857



5, 41.192, 309.441

Inverse Universe

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



93, 4.734, 338.838



97, 5.988, 338.923



95, 6.032, 141.086



49, 3.953, 338.984



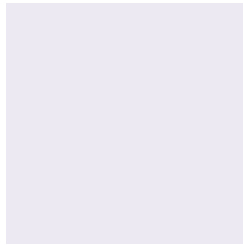
41, 68.987, 352.894



9, 31.498, 348.503

Previews

White Background



This preview shows how the CIELCh color 93, 5.376, 305.686 looks on a white background.

Color Contrast Check

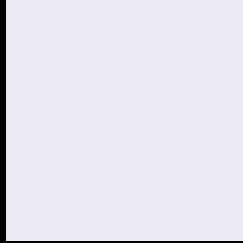
Large Text (above 18pt) WCAG AA × Fail

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, 5.376, 305.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

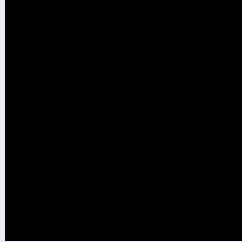
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

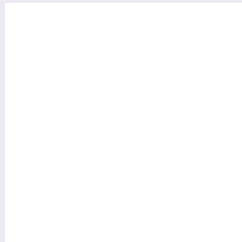
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.376, 305.686

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.376, 305.686.

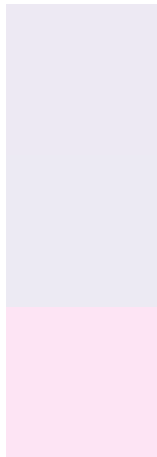


This preview shows how white text looks on a background with the CIELCh color 93, 5.376, 305.686.

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

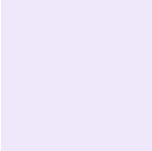
93, 5.376, 305.686

Protanopia

93, 4.714, 299.088

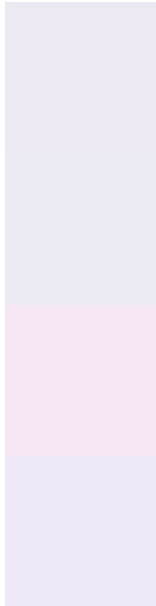
Deuteranopia

93, 12.150, 337.508



Tritanopia
93, 9.564, 303.443

Trichromacy



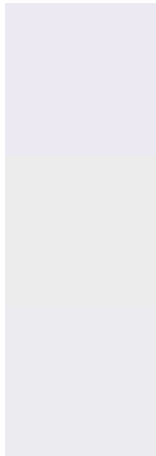
Original Color
93, 5.376, 305.686

Protanomaly
93, 4.714, 299.088

Deuteranomaly
93, 9.439, 330.104

Tritanomaly
93, 8.560, 304.913

Monochromacy



Original Color
93, 5.376, 305.686

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.107, 299.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.376, 305.686 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(237, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(237, 233, 243)  
}
```

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(237, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 233, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.376, 305.686 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(237, 233, 243) }
```

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

```
.border{ border-color:rgb(237, 233, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(237, 233,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.376, 305.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 233, 243) }
```

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

```
.background{ background-color: rgb(237,  
233, 243) }
```

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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