

Converting Colors

CIELCh(93, 7.833, 7.469)

Have a look what the booklet for
CIELCh(93, 7.833, 7.469) contains.

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Color

CIELCh(93, 7.727, 8.370)

Conversions

Conversions Part 1

Format	Color
Hex	FBE6E9
RGB	251, 230, 233
RGB Percent	98%, 90%, 91%
CMY	0.0158, 0.0981, 0.0864
CMYK	0.00, 0.08, 0.07, 0.02
HSL	351°, 72%, 94%
HSV	351°, 8%, 98%
XYZ	82.7700, 82.9670, 88.7247
YIQ	236.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

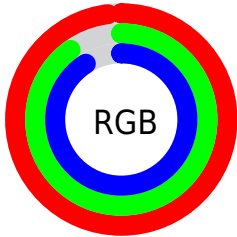
Format	Color
R _{YB}	251, 230, 233
Decimal	16508649
CIE Lab	93.00, 7.64, 1.12
CIE LCh	93, 7.727, 8.370
Yxy	82.9670, 0.3253, 0.3260
Android (android.graphics.Color)	4294698729 (0xFFFFBE6E9)
YUV	236.6210, -1.7852, 12.6104
Hunter-Lab	91.0862, 2.8019, 6.0076

Details

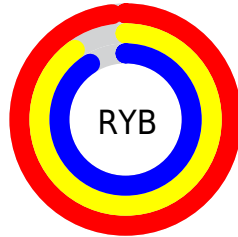
The CIELCh color **93, 7.727, 8.370** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **97, 7.429, 187.098**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 7.307, 11.475** is the 20% darker color. If you saturate the color by 10%, you get **86, 17.474, 9.475**, and if you desaturate by 10%, it is **100, 1.423, 189.393**.

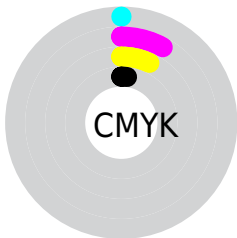
Distribution



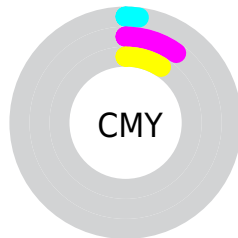
- Red (98%)
- Green (90%)
- Blue (91%)



- Red (98%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.727, 8.370 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, 7.727, 8.370 by changing the saturation by 10% instead.

93, 7.727, 8.370

93, 7.727, 8.370

100, 7.727, 8.370

83, 7.727, 8.370

73, 7.727, 8.370

63, 7.727, 8.370

53, 7.727, 8.370

43, 7.727, 8.370

33, 7.727, 8.370

23, 7.727, 8.370

13, 7.727, 8.370

3, 7.727, 8.370

93, 7.727, 8.370

93, 7.727, 8.370

86, 17.474, 9.475

100, 1.423,
189.393

80, 27.750, 10.760

100, 1.397,
199.791

74, 38.445, 12.338

68, 49.351, 14.317

63, 60.153, 16.831

59, 70.457, 20.024

56, 79.892, 24.005

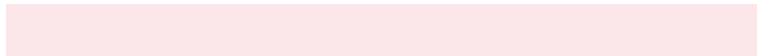
54, 88.222, 28.713

53, 95.305, 33.673

Harmonies

Complementary

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



93, 7.727, 8.370



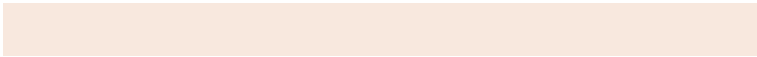
97, 7.429, 187.098

Rectangle

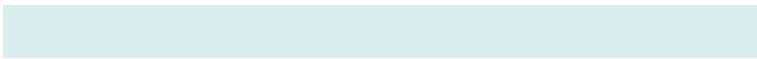
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 7.727, 8.370



93, 7.727, 58.370



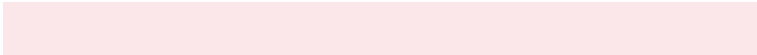
93, 7.727, 188.370



93, 7.727, 238.370

Sweetspot

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



93, 7.725, 8.384



98, 2.762, 7.747



93, 12.562, 320.652



52, 2.099, 7.866



0, 0.000, 0.000



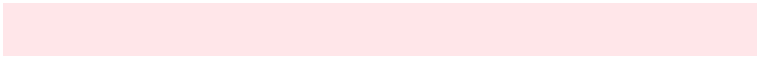
53, 0.007, 296.813

Same Dimension

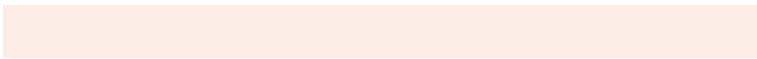
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 7.725, 8.384



93, 9.400, 8.556



95, 6.192, 56.956



49, 5.249, 8.502



39, 77.038, 33.491



9, 31.278, 20.305

Inverse Universe

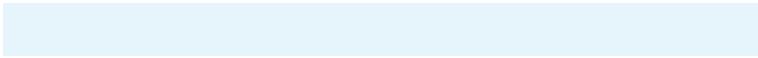
The Inverse Universe completely reimagines the original color for something new.



93, 7.725, 8.384



93, 9.400, 8.556



95, 5.954, 238.653



49, 5.249, 8.502



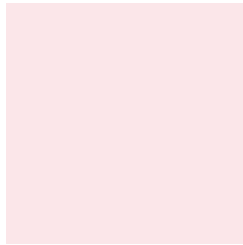
39, 77.038, 33.491



9, 31.278, 20.305

Previews

White Background



This preview shows how the CIELCh color 93, 7.727, 8.370 looks on a white background.

Color Contrast Check

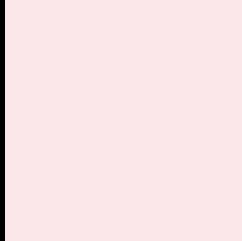
Large Text (above 18pt) WCAG AA × Fail

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, 7.727, 8.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

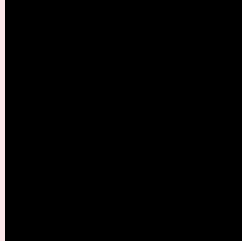
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

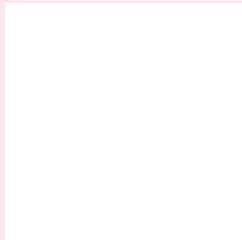
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.727, 8.370

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.727, 8.370.

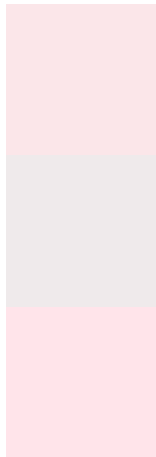


This preview shows how white text looks on a background with the CIELCh color 93, 7.727, 8.370.

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, 7.727, 8.370

Protanopia

93, 1.861, 3.126

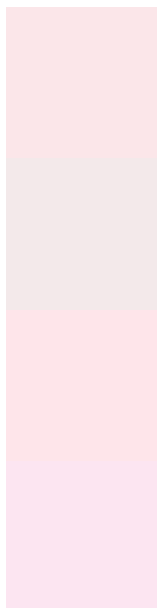
Deuteranopia

93, 10.222, 2.535



Tritanopia
93, 12.862, 334.128

Trichromacy



Original Color

93, 7.727, 8.370

Protanomaly

93, 3.617, 11.310

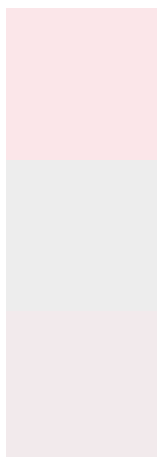
Deuteranomaly

93, 9.377, 4.121

Tritanomaly

93, 10.294, 343.206

Monochromacy



Original Color

93, 7.727, 8.370

Achromatopsia

94, 0.011, 296.813

Achromatomaly

93, 3.042, 359.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.727, 8.370 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(251, 230, 233)` looks like.

```
.text, #text, p{  
    color:rgb(251, 230, 233)  
}
```

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(251, 230, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 230, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.727, 8.370 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(251, 230, 233) }
```

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

```
.border{ border-color:rgb(251, 230, 233) }
```

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

Here you see how a box with a 4 pixel rgb(251, 230, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(251, 230,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.727, 8.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 230, 233) }
```

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

```
.background{ background-color: rgb(251,  
230, 233) }
```

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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