

Converting Colors

CIELCh(93, 10.786, 42.668)

Have a look what the booklet for
CIELCh(93, 10.786, 42.668) contains.

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Color

CIELCh(93, 10.422, 43.126)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6DE
RGB	255, 230, 222
RGB Percent	100%, 90%, 87%
CMY	0.0000, 0.0997, 0.1312
CMYK	0.00, 0.10, 0.13, 0.00
HSL	14°, 100%, 93%
HSV	14°, 13%, 100%
XYZ	82.7501, 82.9670, 80.4474
YIQ	236.5630, 17.4680, 2.8120

Conversions

Conversions Part 2

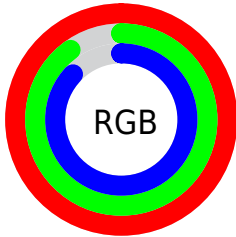
Format	Color
R _Y B	255, 233, 222
Decimal	16770782
CIE Lab	93.00, 7.61, 7.12
CIE LCh	93, 10.422, 43.126
Yxy	82.9670, 0.3362, 0.3370
Android (android.graphics.Color)	4294960862 (0xFFFFE6DE)
YUV	236.5630, -7.1796, 16.1692
Hunter-Lab	91.0862, 2.7630, 11.3954

Details

The CIELCh color **93, 10.422, 43.126** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 9.428, 224.881**, 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, 9.959, 45.659** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.775, 43.371**, and if you desaturate by 10%, it is **98, 2.331, 43.749**.

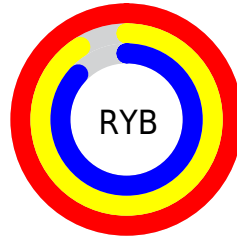
Distribution



Red (100%)

Green (90%)

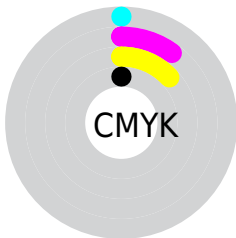
Blue (87%)



Red (100%)

Yellow (91%)

Blue (87%)

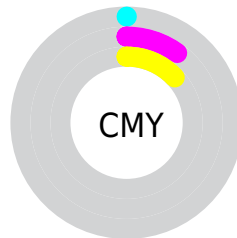


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 10.422, 43.126 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, 10.422, 43.126 by changing the saturation by 10% instead.

 93, 10.422, 43.126

 93, 10.422, 43.126

 100, 10.422,
43.126

 83, 10.422, 43.126

 73, 10.422, 43.126

 63, 10.422, 43.126

 53, 10.422, 43.126

 43, 10.422, 43.126

 33, 10.422, 43.126

 23, 10.422, 43.126

 13, 10.422, 43.126

 3, 10.422, 43.126

93, 10.422, 43.126

93, 10.422, 43.126

88, 18.775, 43.371

98, 2.331, 43.749

83, 28.040, 43.241

100, 0.012,
296.813

78, 38.051, 43.259

73, 48.794, 43.454

69, 60.171, 43.839

65, 71.910, 44.366

61, 83.372, 44.849

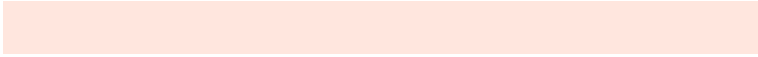
58, 93.154, 44.799

57, 98.182, 44.302

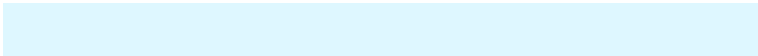
Harmonies

Complementary

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



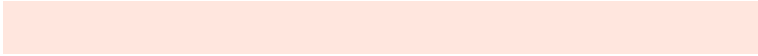
93, 10.422, 43.126



96, 9.428, 224.881

Rectangle

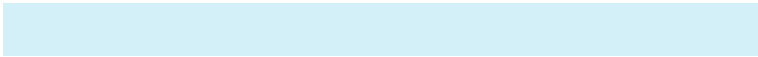
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



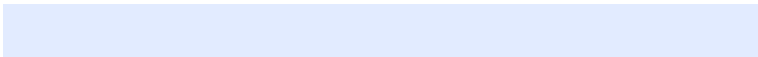
93, 10.422, 43.126



93, 10.422, 93.126



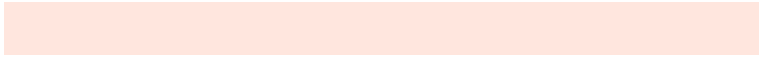
93, 10.422, 223.126



93, 10.422, 273.126

Sweetspot

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



93, 10.224, 43.605



98, 3.004, 43.776



92, 17.799, 332.554



52, 2.142, 43.781



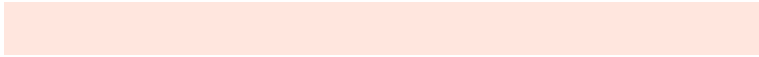
0, 0.000, 0.000



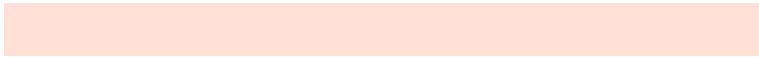
53, 0.007, 296.813

Same Dimension

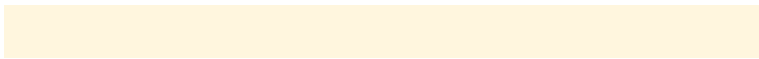
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 10.224, 43.605



91, 12.620, 43.531



97, 12.896, 94.489



50, 4.367, 43.699



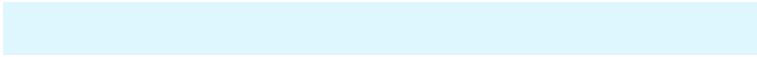
43, 78.596, 44.778



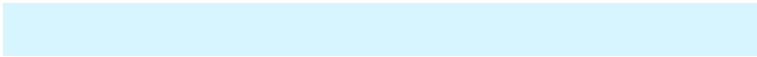
12, 29.401, 39.574

Inverse Universe

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



96, 9.428, 224.881



95, 11.414, 225.058



91, 12.991, 277.826



51, 4.124, 224.692



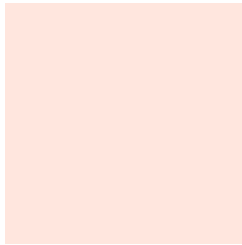
56, 36.466, 244.167



18, 16.384, 237.998

Previews

White Background



This preview shows how the CIELCh color 93, 10.422, 43.126 looks on a white background.

Color Contrast Check

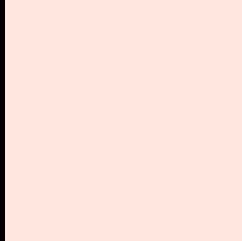
Large Text (above 18pt) WCAG AA × Fail

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, 10.422, 43.126 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, 10.422, 43.126

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.422, 43.126.

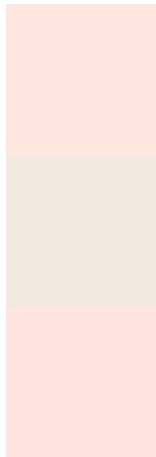


This preview shows how white text looks on a background with the CIELCh color 93, 10.422, 43.126.

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, 10.068, 43.948

Protanopia

93, 5.884, 80.183

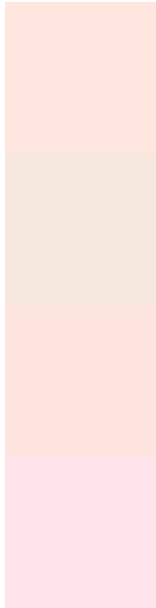
Deuteranopia

93, 9.617, 29.186



Tritanopia
93, 12.962, 340.828

Trichromacy



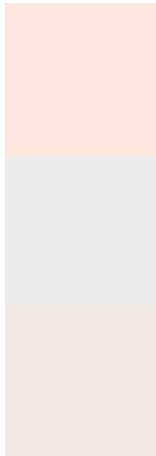
Original Color
93, 10.068, 43.948

Protanomaly
93, 7.153, 59.856

Deuteranomaly
93, 9.866, 35.032

Tritanomaly
93, 10.377, 359.819

Monochromacy



Original Color
93, 10.068, 43.948

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.566, 45.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.422, 43.126 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(255, 230, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 222)  
}
```

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(255, 230, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.422, 43.126 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(255, 230, 222) }
```

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

```
.border{ border-color:rgb(255, 230, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.422, 43.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 222) }
```

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

```
.background{ background-color: rgb(255,  
230, 222) }
```

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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