

Converting Colors

CIELCh(96, 24.537, 18.049)

Have a look what the booklet for
CIELCh(96, 24.537, 18.049) contains.

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Color

CIELCh(93, 10.277, 11.462)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E7
RGB	255, 228, 231
RGB Percent	100%, 89%, 91%
CMY	0.0000, 0.1046, 0.0929
CMYK	0.00, 0.10, 0.09, 0.00
HSL	353°, 100%, 95%
HSV	353°, 10%, 100%
XYZ	84.0388, 82.9670, 87.4238
YIQ	236.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

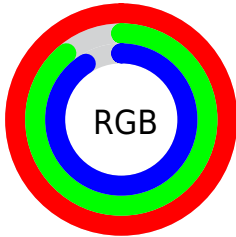
Format	Color
R_{YB}	255, 228, 231
Decimal	16770279
CIE Lab	93.00, 10.07, 2.04
CIE LCh	93, 10.277, 11.462
Yxy	82.9670, 0.3303, 0.3261
Android (android.graphics.Color)	4294960359 (0xFFFFE4E7)
YUV	236.4150, -2.6696, 16.2990
Hunter-Lab	91.0862, 5.2883, 6.8543

Details

The CIELCh color **93, 10.277, 11.462** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 9.281, 189.380**, 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, 9.635, 13.769** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.755, 12.084**, and if you desaturate by 10%, it is **100, 0.420, 8.664**.

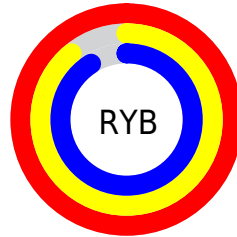
Distribution



Red (100%)

Green (89%)

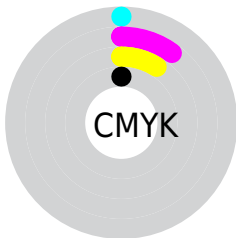
Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)

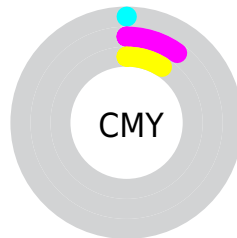


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 10.277, 11.462 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, 10.277, 11.462 by changing the saturation by 10% instead.

 93, 10.277, 11.462

 93, 10.277, 11.462

 100, 10.277,
11.462

 83, 10.277, 11.462

 73, 10.277, 11.462

 63, 10.277, 11.462

 53, 10.277, 11.462

 43, 10.277, 11.462

 33, 10.277, 11.462

 23, 10.277, 11.462

 13, 10.277, 11.462

 3, 10.277, 11.462

93, 10.277, 11.462

93, 10.277, 11.462

86, 19.755, 12.084

100, 0.420, 8.664

80, 30.293, 13.396

100, 0.012,
296.813

74, 41.284, 15.031

68, 52.509, 17.101

63, 63.642, 19.744

59, 74.287, 23.091

56, 84.076, 27.195

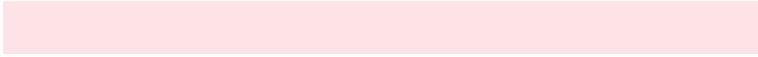
54, 92.702, 31.858

53, 99.476, 36.108

Harmonies

Complementary

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



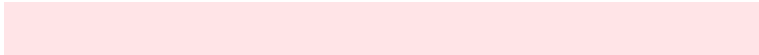
93, 10.277, 11.462



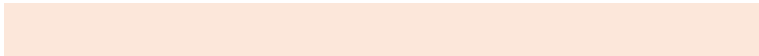
98, 9.281, 189.380

Rectangle

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



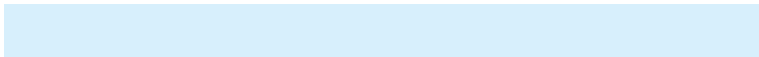
93, 10.277, 11.462



93, 10.277, 61.462



93, 10.277, 191.462



93, 10.277, 241.462

Sweetspot

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



93, 9.784, 10.995



98, 2.740, 10.161



93, 16.094, 321.729



52, 2.082, 10.278



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

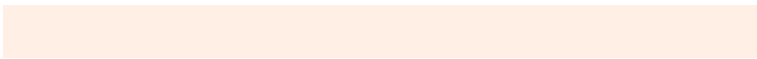
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.784, 10.995



91, 12.258, 11.257



95, 7.935, 60.783



50, 5.301, 10.897



40, 79.379, 35.306



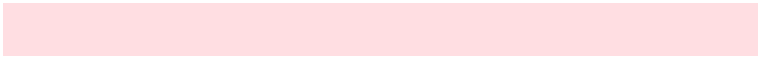
10, 32.518, 22.601

Inverse Universe

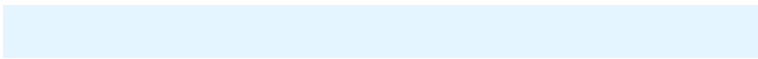
The Inverse Universe completely reimagines the original color for something new.



93, 9.784, 10.995



91, 12.258, 11.257



96, 7.585, 243.077



50, 5.301, 10.897



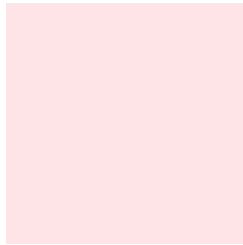
40, 79.379, 35.306



10, 32.518, 22.601

Previews

White Background



This preview shows how the CIELCh color 93, 10.277, 11.462 looks on a white background.

Color Contrast Check

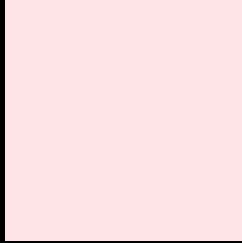
Large Text (above 18pt) WCAG AA × Fail

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, 10.277, 11.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

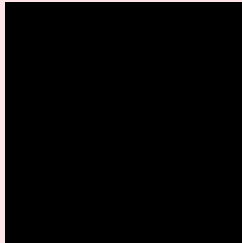
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

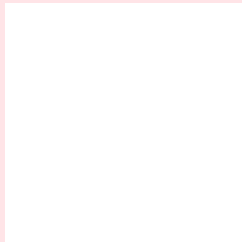
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 10.277, 11.462

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.277, 11.462.

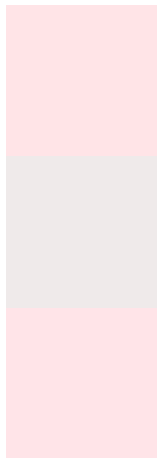


This preview shows how white text looks on a background with the CIELCh color 93, 10.277, 11.462.

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, 9.905, 11.107

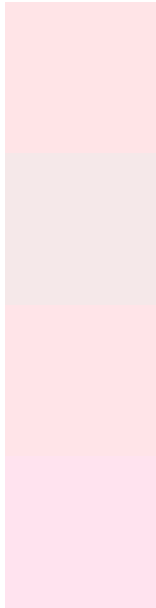
Protanopia
93, 1.782, 19.178

Deuteranopia
93, 9.985, 8.191



Tritanopia
93, 12.962, 340.828

Trichromacy



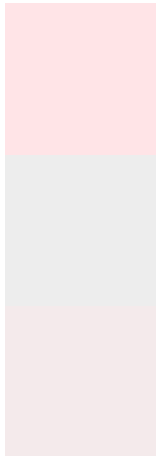
Original Color
93, 9.905, 11.107

Protanomaly
93, 4.694, 13.312

Deuteranomaly
93, 9.985, 8.191

Tritanomaly
93, 11.795, 348.641

Monochromacy



Original Color
93, 9.905, 11.107

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 3.614, 11.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.277, 11.462 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, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 231)  
}
```

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, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.277, 11.462 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, 228, 231) }
```

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

```
.border{ border-color:rgb(255, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.277, 11.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 231) }
```

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

```
.background{ background-color: rgb(255,  
228, 231) }
```

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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