

Converting Colors

CIELCh(100, 35.624, 23.631)

Have a look what the booklet for
CIELCh(100, 35.624, 23.631)
contains.

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Color

CIELCh(93, 8.780, 26.627)

Conversions

Conversions Part 1

Format	Color
Hex	FEE6E4
RGB	254, 230, 228
RGB Percent	100%, 90%, 89%
CMY	0.0055, 0.0995, 0.1073
CMYK	0.00, 0.09, 0.10, 0.01
HSL	5°, 90%, 94%
HSV	5°, 10%, 99%
XYZ	82.8762, 82.9670, 84.7804
YIQ	236.9480, 14.9460, 4.4660

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 230, 228
Decimal	16705252
CIE Lab	93.00, 7.85, 3.94
CIE LCh	93, 8.780, 26.627
Yxy	82.9670, 0.3307, 0.3310
Android (android.graphics.Color)	4294895332 (0xFFFE6E4)
YUV	236.9480, -4.4114, 14.9546
Hunter-Lab	91.0862, 3.0100, 8.5750

Details

The CIELCh color **93, 8.780, 26.627** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 8.209, 206.151**, 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, 8.523, 27.312** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.087, 27.203**, and if you desaturate by 10%, it is **99, 0.197, 22.981**.

Distribution



Red (100%)

Green (90%)

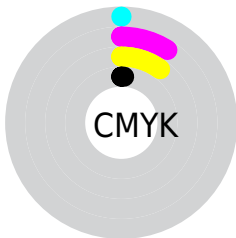
Blue (89%)



Red (100%)

Yellow (90%)

Blue (89%)

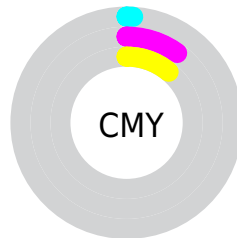


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (10%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.780, 26.627 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, 8.780, 26.627 by changing the saturation by 10% instead.



93, 8.780, 26.627

93, 8.780, 26.627

87, 18.087, 27.203

99, 0.197, 22.981

81, 28.158, 27.944

100, 0.485,
200.742

75, 38.981, 28.951

70, 50.477, 30.302

65, 62.468, 32.071

61, 74.635, 34.289

57, 86.406, 36.834

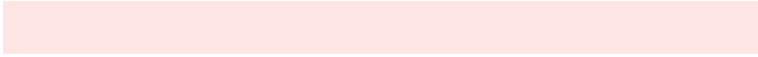
55, 96.571, 39.205

53, 103.100,
40.622

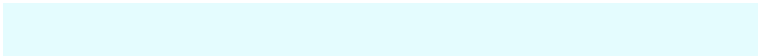
Harmonies

Complementary

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



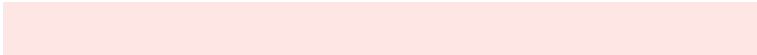
93, 8.780, 26.627



97, 8.209, 206.151

Rectangle

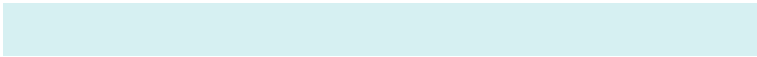
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



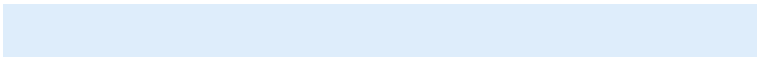
93, 8.780, 26.627



93, 8.780, 76.627



93, 8.780, 206.627



93, 8.780, 256.627

Sweetspot

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



93, 8.778, 26.643



98, 2.508, 26.175



93, 15.524, 326.848



52, 1.907, 26.259



0, 0.000, 0.000



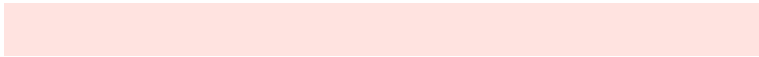
53, 0.007, 296.813

Same Dimension

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



93, 8.778, 26.643



92, 10.410, 26.734



96, 8.538, 80.927



50, 4.881, 26.605



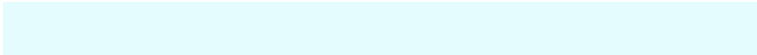
40, 83.137, 40.813



10, 31.879, 30.948

Inverse Universe

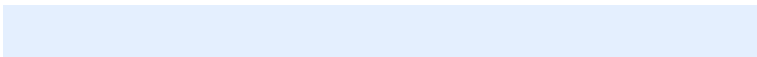
The Inverse Universe completely reimagines the original color for something new.



97, 8.209, 206.151



97, 9.616, 206.100



94, 8.419, 263.713



52, 4.587, 206.174



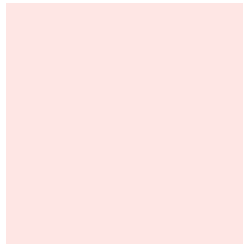
66, 36.667, 209.727



22, 17.028, 207.969

Previews

White Background



This preview shows how the CIELCh color 93, 8.780, 26.627 looks on a white background.

Color Contrast Check

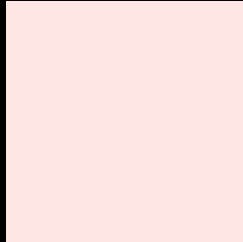
Large Text (above 18pt) WCAG AA × Fail

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, 8.780, 26.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

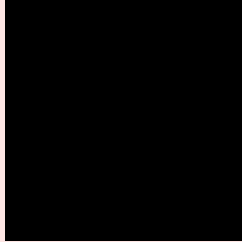
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

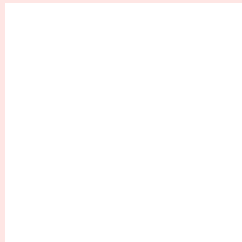
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.780, 26.627

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.780, 26.627.

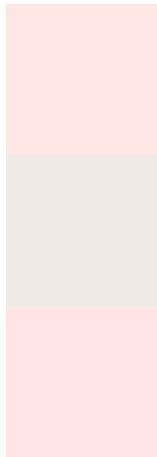


This preview shows how white text looks on a background with the CIELCh color 93, 8.780, 26.627.

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, 8.788, 26.629

Protanopia

93, 2.959, 63.299

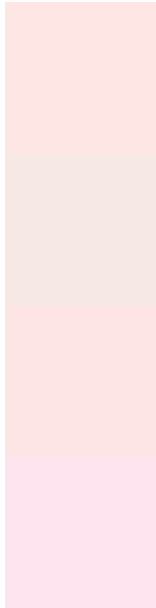
Deuteranopia

93, 9.448, 16.893



Tritanopia
93, 13.289, 339.105

Trichromacy



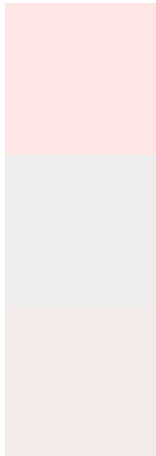
Original Color
93, 8.788, 26.629

Protanomaly
93, 4.927, 37.817

Deuteranomaly
93, 9.079, 19.970

Tritanomaly
93, 10.662, 351.275

Monochromacy



Original Color
93, 8.788, 26.629

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 3.217, 19.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.780, 26.627 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(254, 230, 228)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 228)  
}
```

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(254, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.780, 26.627 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(254, 230, 228) }
```

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

```
.border{ border-color:rgb(254, 230, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 228);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.780, 26.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 228) }
```

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

```
.background{ background-color: rgb(254,  
230, 228) }
```

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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