

Converting Colors

CIELCh(93, 9.178, 27.248)

Have a look what the booklet for
CIELCh(93, 9.178, 27.248) contains.

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Color

CIELCh(93, 9.164, 26.387)

Conversions

Conversions Part 1

Format	Color
Hex	FEE5E3
RGB	254, 229, 227
RGB Percent	100%, 90%, 89%
CMY	0.0024, 0.1004, 0.1083
CMYK	0.00, 0.10, 0.11, 0.00
HSL	4°, 96%, 94%
HSV	4°, 11%, 100%
XYZ	83.0639, 82.9670, 84.5901
YIQ	236.2470, 15.5420, 4.6780

Conversions

Conversions Part 2

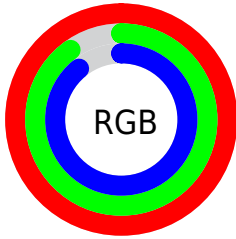
Format	Color
R_{YB}	254, 229, 227
Decimal	16704995
CIE Lab	93.00, 8.21, 4.07
CIE LCh	93, 9.164, 26.387
Yxy	82.9670, 0.3314, 0.3310
Android (android.graphics.Color)	4294895075 (0xFFFE5E3)
YUV	236.2470, -4.5588, 15.5694
Hunter-Lab	91.0862, 3.3779, 8.6988

Details

The CIELCh color **93, 9.164, 26.387** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **97, 8.546, 205.854**, 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, 8.923, 27.029** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.546, 26.980**, and if you desaturate by 10%, it is **99, 0.511, 24.789**.

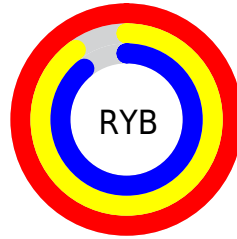
Distribution



Red (100%)

Green (90%)

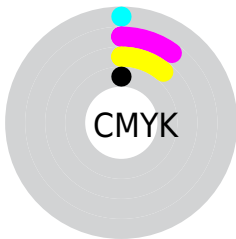
Blue (89%)



Red (100%)

Yellow (90%)

Blue (89%)

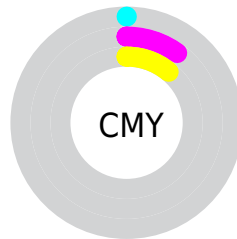


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (0%)



Cyan (0%)







Magenta (10%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.164, 26.387 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, 9.164, 26.387 by changing the saturation by 10% instead.

 93, 9.164, 26.387	 93, 9.164, 26.387
 100, 9.164, 26.387	 83, 9.164, 26.387
	 73, 9.164, 26.387
	 63, 9.164, 26.387
	 53, 9.164, 26.387
	 43, 9.164, 26.387
	 33, 9.164, 26.387
	 23, 9.164, 26.387
	 13, 9.164, 26.387
	 3, 9.164, 26.387

93, 9.164, 26.387

93, 9.164, 26.387

87, 18.546, 26.980

99, 0.511, 24.789

81, 28.695, 27.744

100, 0.209,
202.566

75, 39.594, 28.779

69, 51.160, 30.166

65, 63.206, 31.978

60, 75.401, 34.243

57, 87.157, 36.832

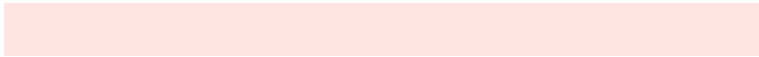
55, 97.221, 39.217

54, 103.398,
40.589

Harmonies

Complementary

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



93, 9.164, 26.387



97, 8.546, 205.854

Rectangle

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



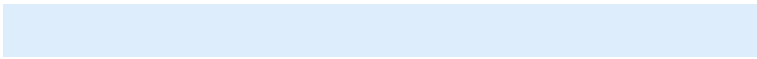
93, 9.164, 26.387



93, 9.164, 76.387



93, 9.164, 206.387



93, 9.164, 256.387

Sweetspot

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



93, 9.162, 26.402



98, 2.514, 25.907



93, 16.140, 326.871



52, 1.912, 25.992



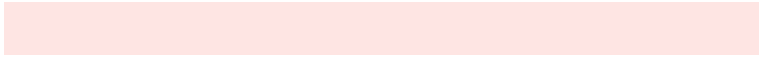
0, 0.000, 0.000



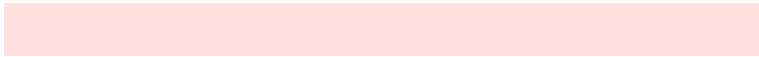
53, 0.007, 296.813

Same Dimension

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



93, 9.162, 26.402



92, 11.353, 26.529



96, 8.881, 80.879



50, 4.894, 26.344



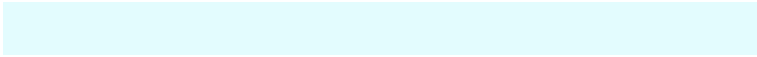
40, 83.184, 40.776



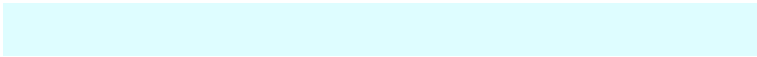
10, 31.929, 30.809

Inverse Universe

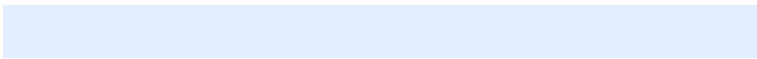
The Inverse Universe completely reimagines the original color for something new.



97, 8.546, 205.854



97, 10.415, 205.786



94, 8.751, 263.767



52, 4.599, 205.890



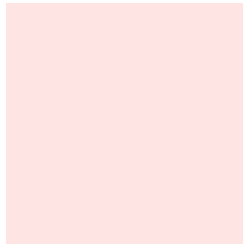
66, 36.769, 209.187



22, 17.073, 207.504

Previews

White Background



This preview shows how the CIELCh color 93, 9.164, 26.387 looks on a white background.

Color Contrast Check

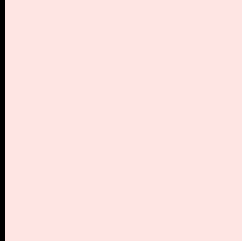
Large Text (above 18pt) WCAG AA × Fail

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, 9.164, 26.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

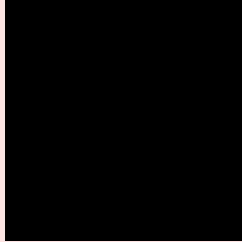
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

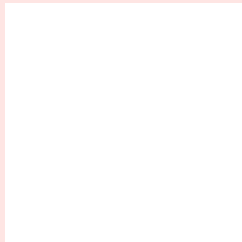
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.164, 26.387

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.164, 26.387.

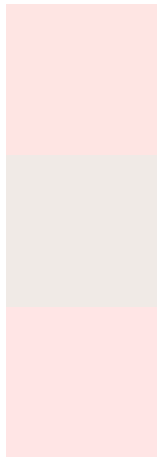


This preview shows how white text looks on a background with the CIELCh color 93, 9.164, 26.387.

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, 9.164, 26.387

Protanopia

93, 2.959, 63.299

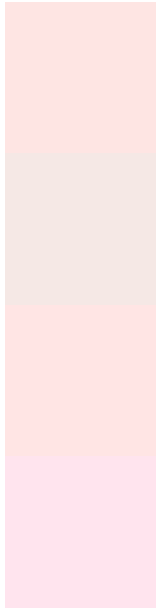
Deuteranopia

93, 9.448, 19.999



Tritanopia
93, 13.289, 339.105

Trichromacy



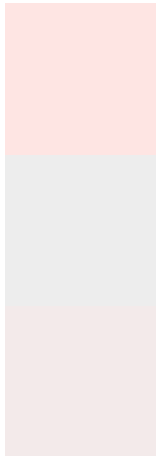
Original Color
93, 9.164, 26.387

Protanomaly
93, 4.927, 37.817

Deuteranomaly
93, 9.477, 23.095

Tritanomaly
93, 10.979, 352.221

Monochromacy



Original Color
93, 9.164, 26.387

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, 9.164, 26.387 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, 229, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 227)  
}
```

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, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.164, 26.387 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, 229, 227) }
```

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

```
.border{ border-color:rgb(254, 229, 227) }
```

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

Here you see how a box with a 4 pixel rgb(254, 229, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 229,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.164, 26.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 229, 227) }
```

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

```
.background{ background-color: rgb(254,  
229, 227) }
```

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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