

Converting Colors

CIELCh(93, 7.127, 36.739)

Have a look what the booklet for
CIELCh(93, 7.127, 36.739) contains.

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Color

CIELCh(93, 7.195, 36.346)

Conversions

Conversions Part 1

Format	Color
Hex	FAE7E3
RGB	250, 231, 227
RGB Percent	98%, 91%, 89%
CMY	0.0199, 0.0944, 0.1101
CMYK	0.00, 0.08, 0.09, 0.02
HSL	10°, 69%, 94%
HSV	10°, 9%, 98%
XYZ	81.8119, 82.9670, 84.3262
YIQ	236.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

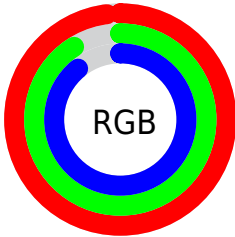
Format	Color
R _Y B	250, 232, 227
Decimal	16443363
CIE Lab	93.00, 5.80, 4.26
CIE LCh	93, 7.195, 36.346
Yxy	82.9670, 0.3284, 0.3331
Android (android.graphics.Color)	4294633443 (0xFFFAE7E3)
YUV	236.2250, -4.5479, 12.0807
Hunter-Lab	91.0862, 0.9243, 8.8706

Details

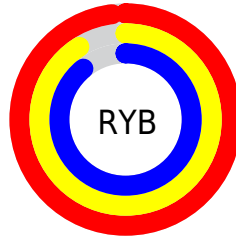
The CIELCh color **93, 7.195, 36.346** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 6.783, 216.762**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 7.093, 33.091** is the 20% darker color. If you saturate the color by 10%, you get **87, 15.656, 36.452**, and if you desaturate by 10%, it is **99, 0.601, 217.609**.

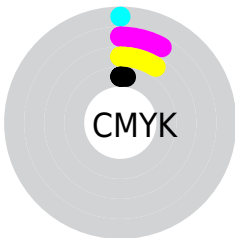
Distribution



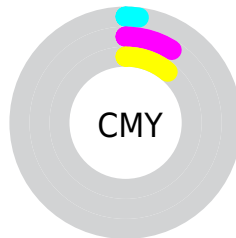
- Red (98%)
- Green (91%)
- Blue (89%)



- Red (98%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (2%)












- Cyan (2%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.195, 36.346 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, 7.195, 36.346 by changing the saturation by 10% instead.

 93, 7.195, 36.346	 93, 7.195, 36.346
 100, 7.195, 36.346	 83, 7.195, 36.346
	 73, 7.195, 36.346
	 63, 7.195, 36.346
	 53, 7.195, 36.346
	 43, 7.195, 36.346
	 33, 7.195, 36.346
	 23, 7.195, 36.346
	 13, 7.195, 36.346
	 3, 7.195, 36.346

93, 7.195, 36.346

93, 7.195, 36.346

87, 15.656, 36.452

99, 0.601, 217.609

82, 24.840, 36.649

100, 1.759,
199.670

77, 34.777, 37.025

72, 45.458, 37.631

67, 56.797, 38.506

63, 68.582, 39.651

59, 80.340, 40.961

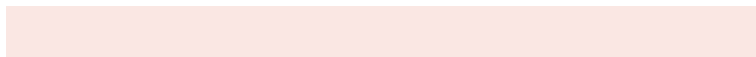
56, 91.007, 42.061

54, 98.769, 42.323

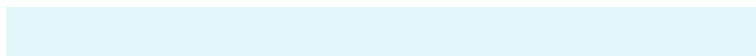
Harmonies

Complementary

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



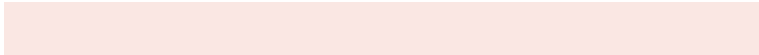
93, 7.195, 36.346



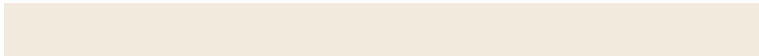
96, 6.783, 216.762

Rectangle

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



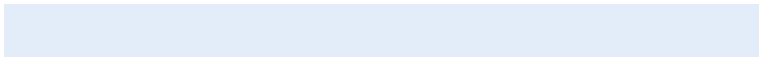
93, 7.195, 36.346



93, 7.195, 86.346



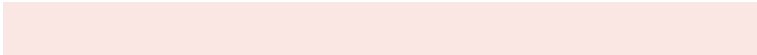
93, 7.195, 216.346



93, 7.195, 266.346

Sweetspot

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



93, 7.194, 36.367



98, 2.323, 36.208



93, 12.849, 329.925



52, 1.767, 36.262



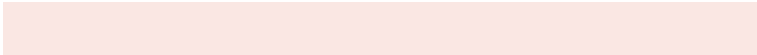
0, 0.000, 0.000



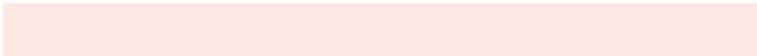
53, 0.007, 296.813

Same Dimension

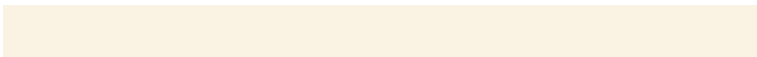
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 7.194, 36.367



94, 8.807, 36.380



96, 8.294, 89.941



49, 4.449, 36.369



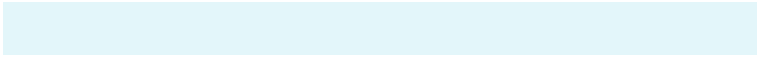
41, 79.993, 42.725



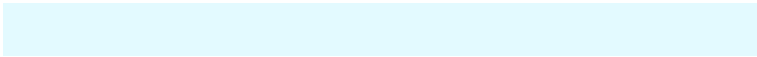
11, 29.110, 35.085

Inverse Universe

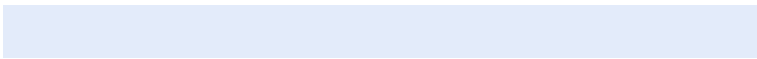
The Inverse Universe completely reimagines the original color for something new.



96, 6.783, 216.762



97, 8.203, 216.789



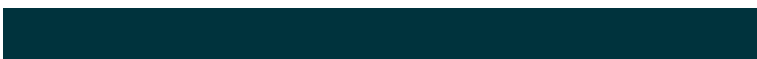
93, 8.293, 272.369



51, 4.187, 216.765



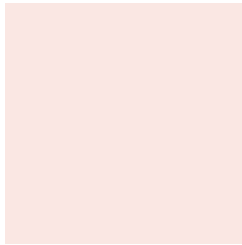
59, 34.748, 229.960



19, 15.720, 225.178

Previews

White Background



This preview shows how the CIELCh color 93, 7.195, 36.346 looks on a white background.

Color Contrast Check

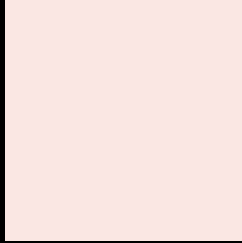
Large Text (above 18pt) WCAG AA × Fail

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, 7.195, 36.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

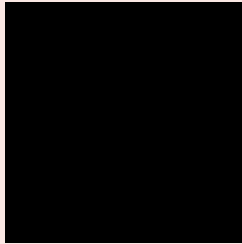
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

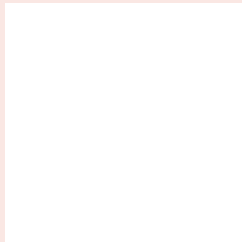
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.195, 36.346

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.195, 36.346.

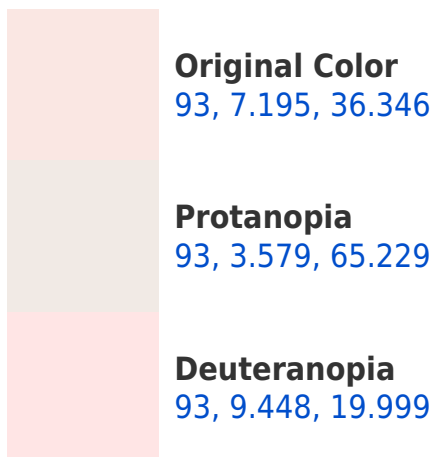



This preview shows how white text looks on a background with the CIELCh color 93, 7.195, 36.346.

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](#).

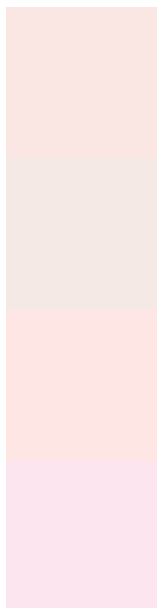
Dichromacy





Tritanopia
93, 12.862, 334.128

Trichromacy



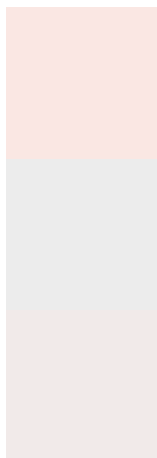
Original Color
93, 7.195, 36.346

Protanomaly
93, 4.714, 52.520

Deuteranomaly
93, 8.421, 26.896

Tritanomaly
93, 9.722, 348.084

Monochromacy



Original Color
93, 7.195, 36.346

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.547, 30.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.195, 36.346 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(250, 231, 227)` looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 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(250, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.195, 36.346 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(250, 231, 227) }
```

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

```
.border{ border-color:rgb(250, 231, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 231, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.195, 36.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 227) }
```

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

```
.background{ background-color: rgb(250,  
231, 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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