

Converting Colors

CIE LCh(94, 13.151, 42.440)

Have a look what the booklet for
CIELCh(94, 13.151, 42.440) contains.

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Color

CIELCh(93, 10.223, 49.944)

Conversions

Conversions Part 1

Format	Color
Hex	FEE6DC
RGB	254, 230, 220
RGB Percent	100%, 90%, 86%
CMY	0.0033, 0.0973, 0.1365
CMYK	0.00, 0.09, 0.13, 0.00
HSL	18°, 95%, 93%
HSV	18°, 13%, 100%
XYZ	82.2169, 82.9670, 79.5163
YIQ	236.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

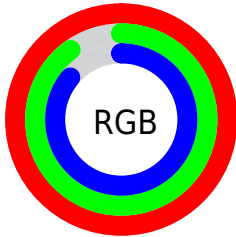
Format	Color
R _Y B	254, 234, 220
Decimal	16705244
CIE Lab	93.00, 6.58, 7.82
CIE LCh	93, 10.223, 49.944
Yxy	82.9670, 0.3360, 0.3391
Android (android.graphics.Color)	4294895324 (0xFFFE6DC)
YUV	236.0360, -7.9057, 15.7544
Hunter-Lab	91.0862, 1.7181, 12.0015

Details

The CIELCh color **93, 10.223, 49.944** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 9.478, 231.945**, 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, 10.171, 51.951** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.581, 49.440**, and if you desaturate by 10%, it is **98, 2.477, 50.387**.

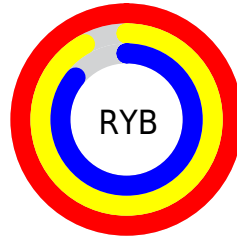
Distribution



Red (100%)

Green (90%)

Blue (86%)



Red (100%)

Yellow (92%)

Blue (86%)

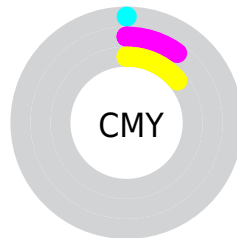


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 10.223, 49.944 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, 10.223, 49.944 by changing the saturation by 10% instead.

 93, 10.223, 49.944

 93, 10.223, 49.944

 100, 10.223,
49.944

 83, 10.223, 49.944

 73, 10.223, 49.944

 63, 10.223, 49.944

 53, 10.223, 49.944

 43, 10.223, 49.944

 33, 10.223, 49.944

 23, 10.223, 49.944

 13, 10.223, 49.944

 3, 10.223, 49.944

93, 10.223, 49.944

93, 10.223, 49.944

88, 18.581, 49.440

98, 2.477, 50.387

83, 27.605, 48.992

100, 0.293,
201.649

79, 37.331, 48.652

74, 47.750, 48.439

70, 58.771, 48.349

66, 70.124, 48.323

63, 81.167, 48.169

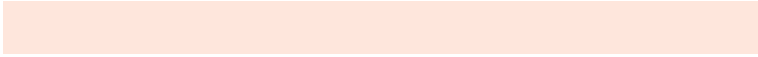
60, 90.548, 47.429

58, 95.289, 46.521

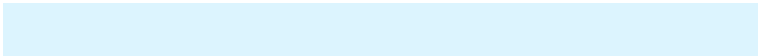
Harmonies

Complementary

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



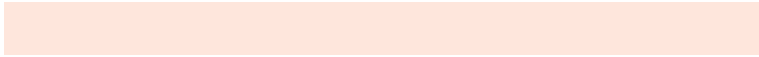
93, 10.223, 49.944



95, 9.478, 231.945

Rectangle

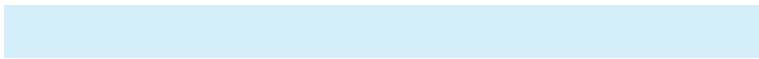
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 10.223, 49.944



93, 10.223, 99.944



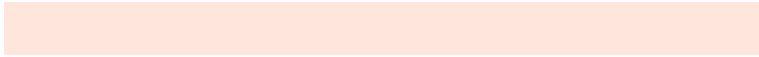
93, 10.223, 229.944



93, 10.223, 279.944

Sweetspot

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



93, 10.222, 49.960



98, 2.958, 50.386



91, 17.465, 334.515



52, 2.108, 50.372



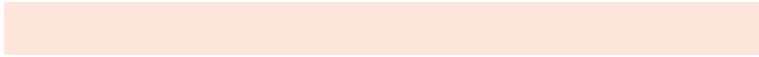
0, 0.000, 0.000



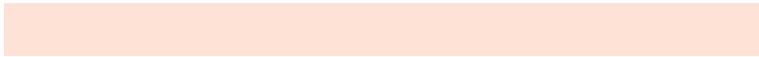
53, 0.007, 296.813

Same Dimension

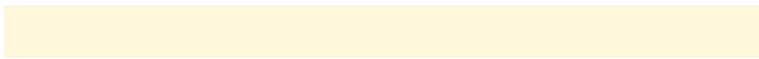
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 10.222, 49.960



92, 12.394, 49.819



97, 13.799, 97.811



51, 4.295, 50.165



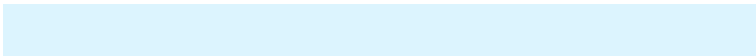
44, 76.454, 47.076



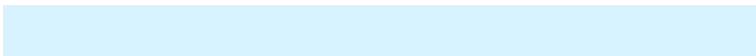
13, 28.632, 43.391

Inverse Universe

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



95, 9.478, 231.945



94, 11.305, 232.183



91, 13.984, 281.085



51, 4.077, 231.635



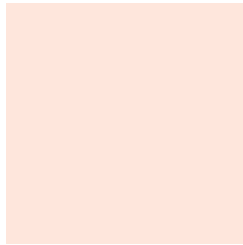
53, 39.133, 255.173



17, 17.141, 248.200

Previews

White Background



This preview shows how the CIELCh color 93, 10.223, 49.944 looks on a white background.

Color Contrast Check

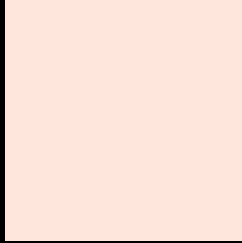
Large Text (above 18pt) WCAG AA × Fail

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, 10.223, 49.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

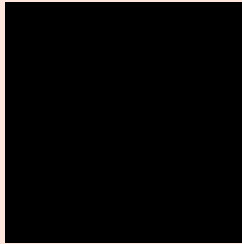
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

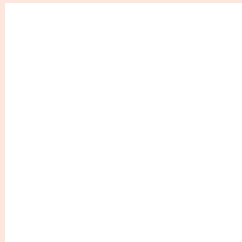
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 10.223, 49.944

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.223, 49.944.

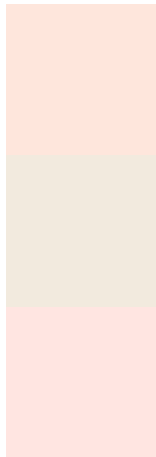


This preview shows how white text looks on a background with the CIELCh color 93, 10.223, 49.944.

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, 10.233, 49.941

Protanopia

93, 6.804, 84.320

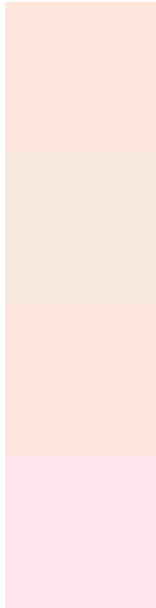
Deuteranopia

93, 9.728, 32.147



Tritanopia
93, 12.358, 341.588

Trichromacy



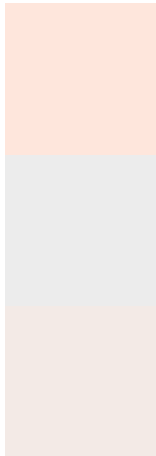
Original Color
93, 10.233, 49.941

Protanomaly
93, 7.773, 71.945

Deuteranomaly
93, 10.028, 37.829

Tritanomaly
93, 9.866, 1.857

Monochromacy



Original Color
93, 10.233, 49.941

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.817, 51.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.223, 49.944 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.223, 49.944 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, 220) }
```

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

```
.border{ border-color:rgb(254, 230, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 230, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 230, 220); box-shadow:4px 4px 4px 4px rgb(254, 230, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.223, 49.944 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, 220) }
```

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

```
.background{ background-color: rgb(254,  
230, 220) }
```

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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