

Converting Colors

CIELCh(93, 10.836, 46.887)

Have a look what the booklet for
CIELCh(93, 10.836, 46.887) contains.

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Color

CIELCh(93, 10.560, 48.936)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6DC
RGB	255, 230, 220
RGB Percent	100%, 90%, 86%
CMY	0.0003, 0.0983, 0.1375
CMYK	0.00, 0.10, 0.14, 0.00
HSL	17°, 100%, 93%
HSV	17°, 14%, 100%
XYZ	82.4024, 82.9670, 79.3348
YIQ	236.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

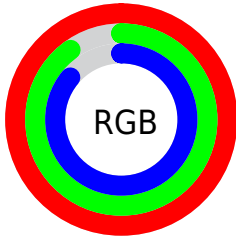
Format	Color
R _Y B	255, 234, 220
Decimal	16770780
CIE Lab	93.00, 6.94, 7.96
CIE LCh	93, 10.560, 48.936
Yxy	82.9670, 0.3367, 0.3391
Android (android.graphics.Color)	4294960860 (0xFFFFE6DC)
YUV	236.3350, -8.0532, 16.3692
Hunter-Lab	91.0862, 2.0816, 12.1197

Details

The CIELCh color **93, 10.560, 48.936** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 9.756, 230.883**, 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, 10.512, 50.817** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.985, 48.476**, and if you desaturate by 10%, it is **98, 2.757, 49.359**.

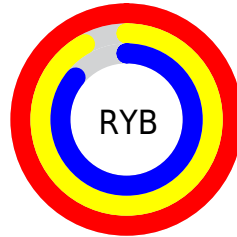
Distribution



Red (100%)

Green (90%)

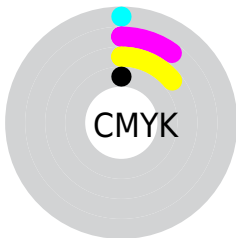
Blue (86%)



Red (100%)

Yellow (92%)

Blue (86%)

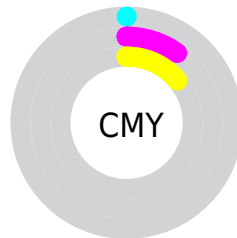


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 10.560, 48.936 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, 10.560, 48.936 by changing the saturation by 10% instead.

 93, 10.560, 48.936

 93, 10.560, 48.936

 100, 10.560,
48.936

 83, 10.560, 48.936

 73, 10.560, 48.936

 63, 10.560, 48.936

 53, 10.560, 48.936

 43, 10.560, 48.936

 33, 10.560, 48.936

 23, 10.560, 48.936

 13, 10.560, 48.936

 3, 10.560, 48.936

93, 10.560, 48.936

93, 10.560, 48.936

88, 18.985, 48.476

98, 2.757, 49.359

83, 28.089, 48.080

100, 0.025,
227.220

78, 37.904, 47.798

74, 48.421, 47.652

70, 59.540, 47.637

66, 70.985, 47.694

63, 82.089, 47.621

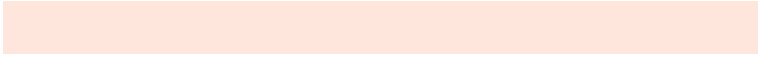
60, 91.454, 46.945

58, 95.939, 46.140

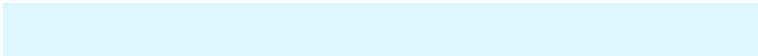
Harmonies

Complementary

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



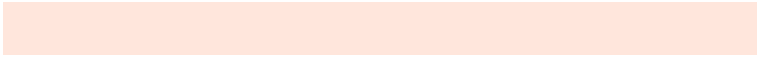
93, 10.560, 48.936



95, 9.756, 230.883

Rectangle

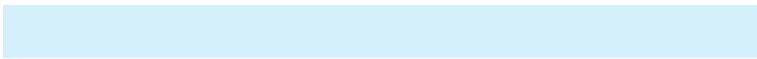
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 10.560, 48.936



93, 10.560, 98.936



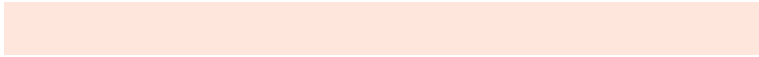
93, 10.560, 228.936



93, 10.560, 278.936

Sweetspot

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



93, 10.559, 48.952



98, 2.962, 49.359



91, 17.985, 334.541



52, 2.112, 49.347



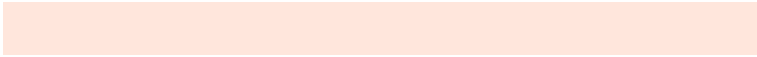
0, 0.000, 0.000



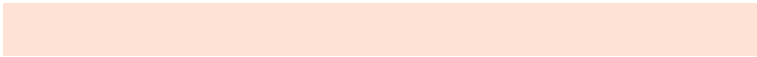
53, 0.007, 296.813

Same Dimension

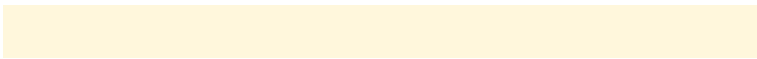
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 10.559, 48.952



92, 12.419, 48.839



97, 14.209, 97.768



50, 4.303, 49.159



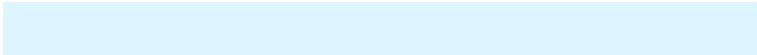
44, 76.794, 46.688



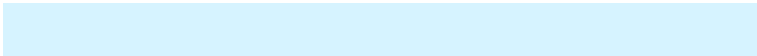
13, 28.746, 42.769

Inverse Universe

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



95, 9.756, 230.883



94, 11.310, 231.080



91, 14.404, 281.135



51, 4.080, 230.559



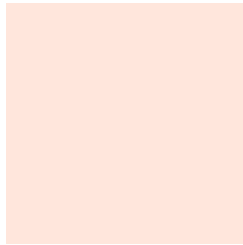
54, 38.638, 253.562



17, 16.992, 246.677

Previews

White Background



This preview shows how the CIE LCh color 93, 10.560, 48.936 looks on a white background.

Color Contrast Check

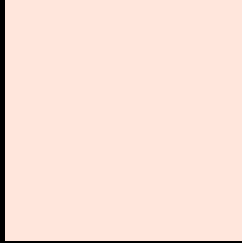
Large Text (above 18pt) WCAG AA × Fail

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, 10.560, 48.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

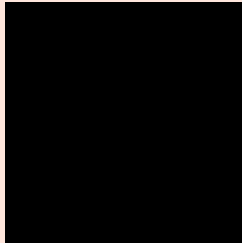
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

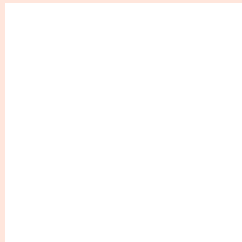
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 10.560, 48.936

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.560, 48.936.

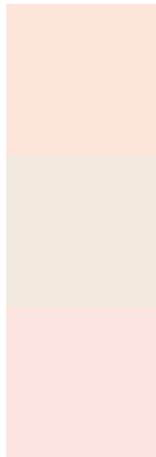


This preview shows how white text looks on a background with the CIELCh color 93, 10.560, 48.936.

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, 10.560, 48.936

Protanopia

93, 6.804, 84.320

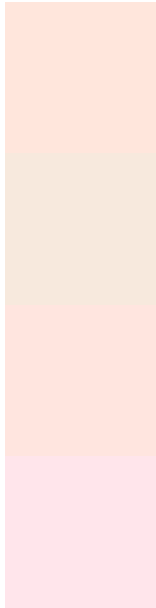
Deuteranopia

93, 9.728, 32.147



Tritanopia
93, 12.358, 341.588

Trichromacy



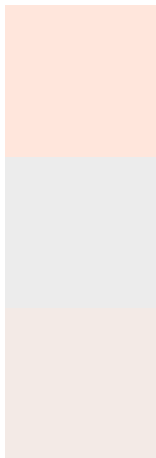
Original Color
93, 10.560, 48.936

Protanomaly
93, 8.004, 69.852

Deuteranomaly
93, 10.028, 37.829

Tritanomaly
93, 9.866, 1.857

Monochromacy



Original Color
93, 10.560, 48.936

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, 10.560, 48.936 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, 230, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 230, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.560, 48.936 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, 230, 220) }
```

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

```
.border{ border-color:rgb(255, 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(255, 230, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 230, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 230, 220); box-shadow:4px 4px 4px 4px rgb(255, 230, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.560, 48.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 220) }
```

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

```
.background{ background-color: rgb(255,  
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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