

Converting Colors

CIELCh(93, 5.588, 89.403)

Have a look what the booklet for
CIELCh(93, 5.588, 89.403) contains.

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Color

CIELCh(93, 5.565, 86.752)

Conversions

Conversions Part 1

Format	Color
Hex	F0EAE0
RGB	240, 234, 224
RGB Percent	94%, 92%, 88%
CMY	0.0578, 0.0813, 0.1205
CMYK	0.00, 0.02, 0.07, 0.06
HSL	38°, 35%, 91%
HSV	38°, 7%, 94%
XYZ	79.0165, 82.9670, 82.5593
YIQ	234.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

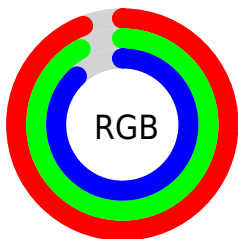
Format	Color
R _Y B	234, 240, 224
Decimal	15788768
CIE Lab	93.00, 0.32, 5.56
CIE LCh	93, 5.565, 86.752
Yxy	82.9670, 0.3231, 0.3393
Android (android.graphics.Color)	4293978848 (0xFF0EAE0)
YUV	234.6540, -5.2524, 4.6884
Hunter-Lab	91.0862, -4.5537, 10.0208

Details

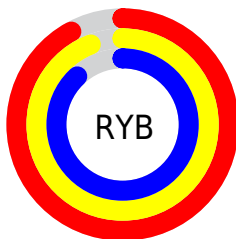
The CIELCh color **93, 5.565, 86.752** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 5.557, 268.598**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.369, 84.351** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.126, 85.511**, and if you desaturate by 10%, it is **96, 2.768, 268.197**.

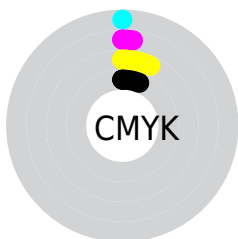
Distribution



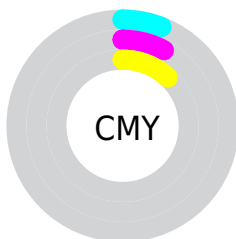
- Red (94%)
- Green (92%)
- Blue (88%)



- Red (92%)
- Yellow (94%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.565, 86.752 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, 5.565, 86.752 by changing the saturation by 10% instead.

 93, 5.565, 86.752	 93, 5.565, 86.752
 100, 5.565, 86.752	 83, 5.565, 86.752
	 73, 5.565, 86.752
	 63, 5.565, 86.752
	 53, 5.565, 86.752
	 43, 5.565, 86.752
	 33, 5.565, 86.752
	 23, 5.565, 86.752
	 13, 5.565, 86.752
	 3, 5.565, 86.752

93, 5.565, 86.752

93, 5.565, 86.752

90, 14.126, 85.511

96, 2.768, 268.197

87, 22.913, 84.179

98, 4.338, 217.964

85, 31.909, 82.804

99, 5.071, 199.215

82, 41.055, 81.386

80, 50.219, 79.917

77, 59.132, 78.364

75, 67.296, 76.653

73, 73.893, 74.636

70, 77.965, 72.084

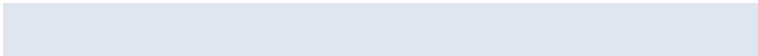
Harmonies

Complementary

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



93, 5.565, 86.752



91, 5.557, 268.598

Rectangle

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



93, 5.565, 86.752



93, 5.565, 136.752



93, 5.565, 266.752



93, 5.565, 316.752

Sweetspot

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



93, 5.566, 86.776



99, 1.736, 87.234



91, 6.588, 350.980



53, 0.987, 87.236



0, 0.000, 0.000



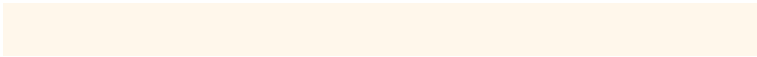
53, 0.007, 296.813

Same Dimension

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



93, 5.566, 86.776



98, 7.031, 86.611



94, 8.229, 114.233



49, 4.759, 86.432



54, 64.513, 71.761



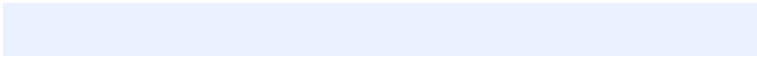
16, 24.075, 74.336

Inverse Universe

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



91, 5.557, 268.598



95, 7.007, 268.778



90, 8.366, 295.309



47, 4.736, 268.977



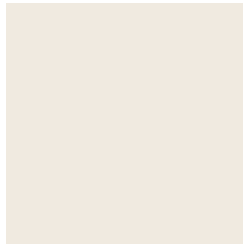
33, 71.339, 294.098



7, 26.520, 287.489

Previews

White Background



This preview shows how the CIELCh color 93, 5.565, 86.752 looks on a white background.

Color Contrast Check

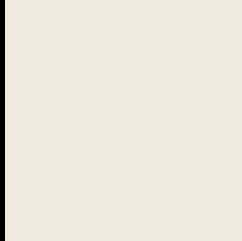
Large Text (above 18pt) WCAG AA × Fail

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, 5.565, 86.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

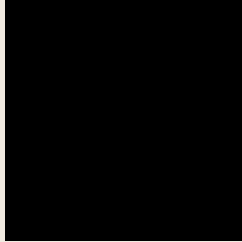
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

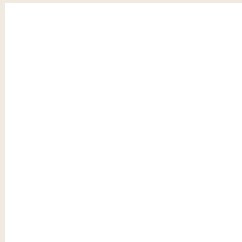
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.565, 86.752

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.565, 86.752.

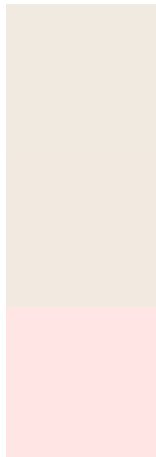


This preview shows how white text looks on a background with the CIELCh color 93, 5.565, 86.752.

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, 5.565, 86.752

Protanopia

93, 5.884, 80.183

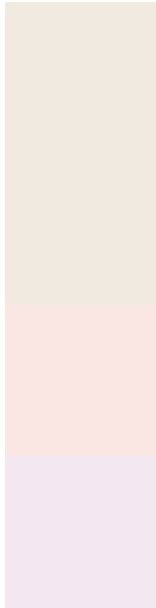
Deuteranopia

93, 9.477, 23.095



Tritanopia
93, 10.397, 316.717

Trichromacy



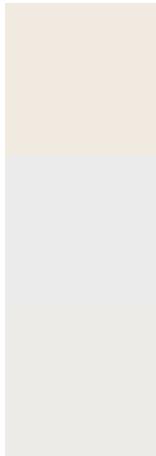
Original Color
93, 5.565, 86.752

Protanomaly
93, 5.715, 83.378

Deuteranomaly
93, 7.195, 36.346

Tritanomaly
93, 5.710, 333.440

Monochromacy



Original Color
93, 5.565, 86.752

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.163, 90.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.565, 86.752 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(240, 234, 224)` looks like.

```
.text, #text, p{  
    color:rgb(240, 234, 224)  
}
```

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(240, 234, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 234, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.565, 86.752 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(240, 234, 224) }
```

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

```
.border{ border-color:rgb(240, 234, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 234, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 234, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 234, 224);  
box-shadow:4px 4px 4px 4px rgb(240, 234,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.565, 86.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 234, 224) }
```

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

```
.background{ background-color: rgb(240,  
234, 224) }
```

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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