

Converting Colors

CIELCh(93, 6.808, 86.950)

Have a look what the booklet for
CIELCh(93, 6.808, 86.950) contains.

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Color

CIELCh(93, 6.657, 87.177)

Conversions

Conversions Part 1

Format	Color
Hex	F1EAD8
RGB	241, 234, 222
RGB Percent	95%, 92%, 87%
CMY	0.0542, 0.0816, 0.1287
CMYK	0.00, 0.03, 0.08, 0.05
HSL	38°, 41%, 91%
HSV	38°, 8%, 95%
XYZ	79.0229, 82.9670, 81.0840
YIQ	234.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

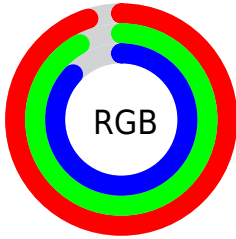
Format	Color
R _Y B	233, 241, 222
Decimal	15854302
CIE Lab	93.00, 0.33, 6.65
CIE LCh	93, 6.657, 87.177
Yxy	82.9670, 0.3251, 0.3413
Android (android.graphics.Color)	4294044382 (0xFFFF1EAD)
YUV	234.7250, -6.2734, 5.5032
Hunter-Lab	91.0862, -4.5413, 10.9811

Details

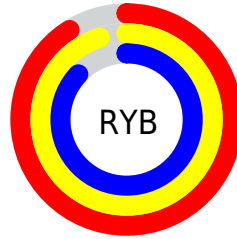
The CIELCh color **93, 6.657, 87.177** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 6.641, 269.321**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.518, 85.166** is the 20% darker color. If you saturate the color by 10%, you get **90, 15.319, 85.921**, and if you desaturate by 10%, it is **96, 1.782, 268.672**.

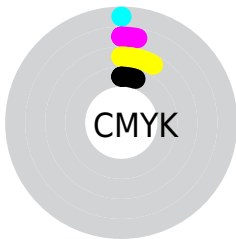
Distribution



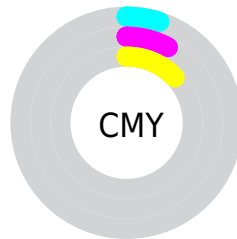
- Red (95%)
- Green (92%)
- Blue (87%)



- Red (91%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.657, 87.177 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, 6.657, 87.177 by changing the saturation by 10% instead.

93, 6.657, 87.177

93, 6.657, 87.177

100, 6.657, 87.177

83, 6.657, 87.177

73, 6.657, 87.177

63, 6.657, 87.177

53, 6.657, 87.177

43, 6.657, 87.177

33, 6.657, 87.177

23, 6.657, 87.177

13, 6.657, 87.177

3, 6.657, 87.177

93, 6.657, 87.177

93, 6.657, 87.177

90, 15.319, 85.921

96, 1.782, 268.672

88, 24.200, 84.584

98, 3.998, 222.273

85, 33.276, 83.205

99, 4.760, 199.243

82, 42.479, 81.782

80, 51.660, 80.305

77, 60.523, 78.739

75, 68.526, 77.005

73, 74.815, 74.947

71, 78.524, 72.354

Harmonies

Complementary

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



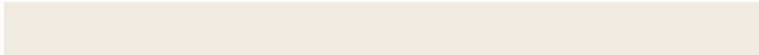
93, 6.657, 87.177



91, 6.641, 269.321

Rectangle

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



93, 6.657, 87.177



93, 6.657, 137.177



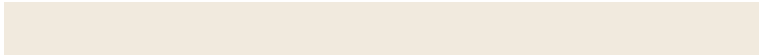
93, 6.657, 267.177



93, 6.657, 317.177

Sweetspot

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



93, 6.658, 87.197



99, 1.747, 87.804



90, 7.832, 351.108



53, 0.993, 87.807



0, 0.000, 0.000



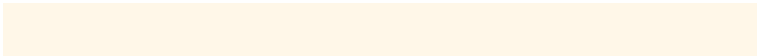
53, 0.007, 296.813

Same Dimension

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



93, 6.658, 87.197



97, 7.970, 87.056



95, 9.764, 114.136



49, 4.789, 87.001



55, 64.486, 72.375



16, 24.145, 75.000

Inverse Universe

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



91, 6.641, 269.321



95, 7.941, 269.477



89, 9.949, 295.415



47, 4.769, 269.539



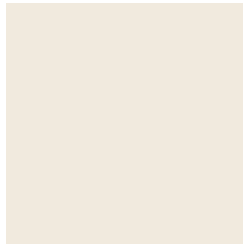
33, 72.140, 294.515



7, 26.791, 287.922

Previews

White Background



This preview shows how the CIELCh color 93, 6.657, 87.177 looks on a white background.

Color Contrast Check

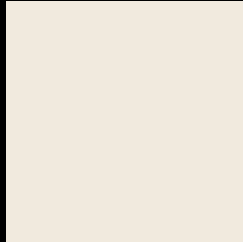
Large Text (above 18pt) WCAG AA × Fail

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, 6.657, 87.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

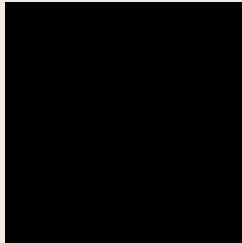
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

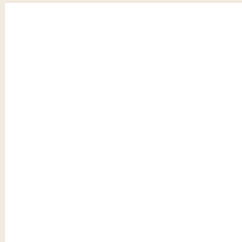
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.657, 87.177

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.657, 87.177.

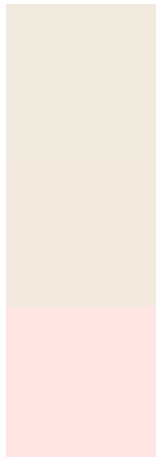


This preview shows how white text looks on a background with the CIELCh color 93, 6.657, 87.177.

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, 6.657, 87.177

Protanopia

93, 6.804, 84.320

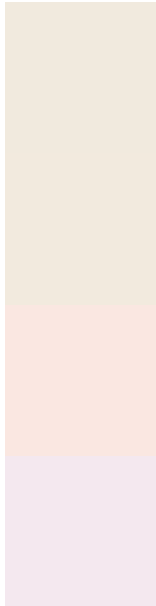
Deuteranopia

93, 9.533, 26.163



Tritanopia
93, 10.732, 320.106

Trichromacy



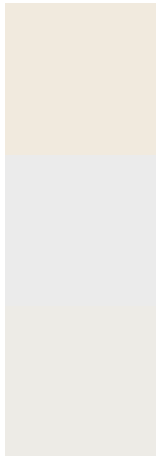
Original Color
93, 6.657, 87.177

Protanomaly
93, 6.804, 84.320

Deuteranomaly
93, 7.573, 43.749

Tritanomaly
93, 5.615, 339.717

Monochromacy



Original Color
93, 6.657, 87.177

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.655, 94.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.657, 87.177 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(241, 234, 222)` looks like.

```
.text, #text, p{  
    color:rgb(241, 234, 222)  
}
```

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(241, 234, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 234, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.657, 87.177 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(241, 234, 222) }
```

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

```
.border{ border-color:rgb(241, 234, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 234, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 234, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 234, 222);  
box-shadow:4px 4px 4px 4px rgb(241, 234,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.657, 87.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 234, 222) }
```

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

```
.background{ background-color: rgb(241,  
234, 222) }
```

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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