

Converting Colors

CIELCh(93, 7.852, 108.858)

Have a look what the booklet for
CIELCh(93, 7.852, 108.858) contains.

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Color

CIELCh(93, 7.705, 109.557)

Conversions

Conversions Part 1

Format	Color
Hex	ECECDD
RGB	236, 236, 221
RGB Percent	93%, 93%, 87%
CMY	0.0749, 0.0749, 0.1337
CMYK	0.00, 0.00, 0.06, 0.07
HSL	60°, 28%, 90%
HSV	60°, 6%, 93%
XYZ	77.5661, 82.9670, 80.2661
YIQ	234.2900, 4.8150, -4.6650

Conversions

Conversions Part 2

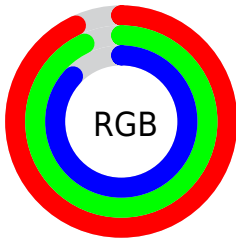
Format	Color
<code>RGB</code>	221, 236, 221
Decimal	15527133
CIE Lab	93.00, -2.58, 7.26
CIE LCh	93, 7.705, 109.557
Yxy	82.9670, 0.3221, 0.3445
Android (<code>android.graphics.Color</code>)	4293717213 (<code>0xFFECECDD</code>)
YUV	234.2900, -6.5520, 1.4997
Hunter-Lab	91.0862, -7.3961, 11.5134

Details

The CIELCh color **93, 7.705, 109.557** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 7.833, 290.841**, 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, 7.565, 109.433** is the 20% darker color. If you saturate the color by 10%, you get **92, 19.791, 108.601**, and if you desaturate by 10%, it is **94, 4.434, 290.553**.

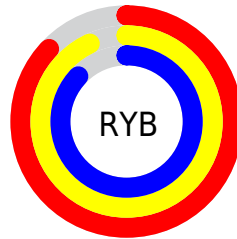
Distribution



Red (93%)

Green (93%)

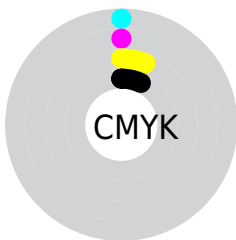
Blue (87%)



Red (87%)

Yellow (93%)

Blue (87%)

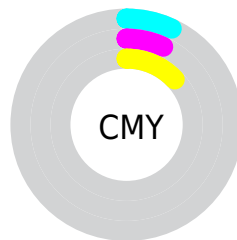


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.705, 109.557 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, 7.705, 109.557 by changing the saturation by 10% instead.

93, 7.705, 109.557

93, 7.705, 109.557

100, 7.705,
109.557

83, 7.705, 109.557

73, 7.705, 109.557

63, 7.705, 109.557

53, 7.705, 109.557

43, 7.705, 109.557

33, 7.705, 109.557

23, 7.705, 109.557

13, 7.705, 109.557

3, 7.705, 109.557

93, 7.705, 109.557

93, 7.705, 109.557

92, 19.791,
108.601

94, 4.434, 290.553

92, 31.743,
107.628

94, 9.843, 290.972

92, 43.442,
106.670

94, 9.843, 290.987

91, 54.704,
105.751

94, 9.843, 291.016

91, 65.245,
104.900

94, 9.843, 291.031

91, 74.646,
104.154

94, 9.843, 291.060

91, 82.362,
103.554

94, 9.843, 291.075

91, 87.822,
103.137

■ 91, 90.714,
102.920

Harmonies

Complementary

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



93, 7.705, 109.557



88, 7.833, 290.841

Rectangle

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



93, 7.705, 109.557



93, 7.705, 159.557



93, 7.705, 289.557



93, 7.705, 339.557

Sweetspot

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



93, 7.707, 109.569



100, 2.575, 109.968



89, 5.448, 19.685



53, 1.464, 109.976



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, 7.707, 109.569



100, 10.326, 109.409



92, 8.206, 128.805



49, 6.852, 109.271



71, 74.937, 102.871



21, 30.655, 103.482

Inverse Universe

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



88, 7.833, 290.841



93, 10.528, 291.019



89, 8.293, 309.334



45, 7.006, 291.176



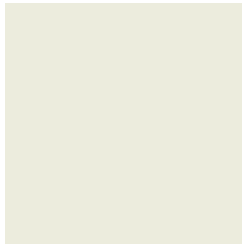
21, 103.473, 306.288



2, 35.735, 297.758

Previews

White Background



This preview shows how the CIELCh color 93, 7.705, 109.557 looks on a white background.

Color Contrast Check

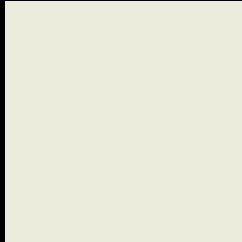
Large Text (above 18pt) WCAG AA × Fail

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, 7.705, 109.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

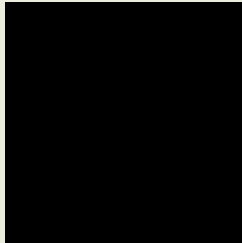
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

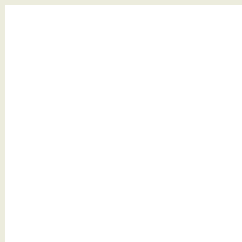
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.705, 109.557

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.705, 109.557.

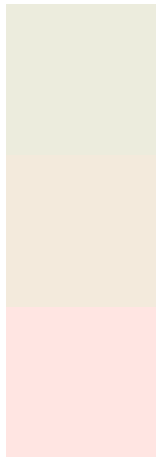


This preview shows how white text looks on a background with the CIELCh color 93, 7.705, 109.557.

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

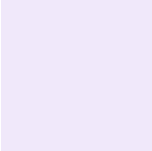
93, 7.705, 109.557

Protanopia

93, 7.895, 84.962

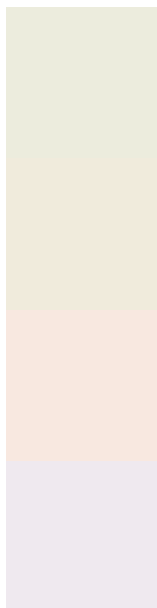
Deuteranopia

93, 9.617, 29.186



Tritanopia
93, 9.744, 307.434

Trichromacy



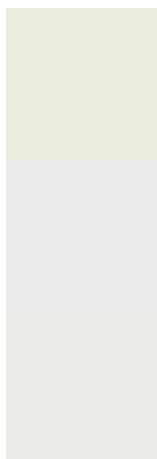
Original Color
93, 7.705, 109.557

Protanomaly
93, 7.907, 96.220

Deuteranomaly
93, 7.124, 54.851

Tritanomaly
93, 3.781, 324.502

Monochromacy



Original Color
93, 7.705, 109.557

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.080, 109.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.705, 109.557 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(236, 236, 221)` looks like.

```
.text, #text, p{  
    color:rgb(236, 236, 221)  
}
```

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(236, 236, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 236, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.705, 109.557 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(236, 236, 221) }
```

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

```
.border{ border-color:rgb(236, 236, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 236, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 236, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 236, 221);  
box-shadow:4px 4px 4px 4px rgb(236, 236,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.705, 109.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 221) }
```

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

```
.background{ background-color: rgb(236,  
236, 221) }
```

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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