

Converting Colors

CIELCh(93, 7.488, 111.596)

Have a look what the booklet for
CIELCh(93, 7.488, 111.596) contains.

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Color

CIELCh(93, 7.718, 112.250)

Conversions

Conversions Part 1

Format	Color
Hex	EBECDD
RGB	235, 236, 221
RGB Percent	92%, 93%, 87%
CMY	0.0780, 0.0740, 0.1329
CMYK	0.00, 0.00, 0.06, 0.07
HSL	64°, 28%, 90%
HSV	64°, 6%, 93%
XYZ	77.3953, 82.9670, 80.4224
YIQ	233.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

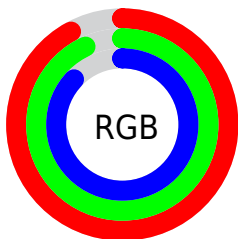
Format	Color
R _Y B	221, 236, 222
Decimal	15461597
CIE Lab	93.00, -2.92, 7.14
CIE LCh	93, 7.718, 112.250
Yxy	82.9670, 0.3214, 0.3446
Android (android.graphics.Color)	4293651677 (0xFFEBECDD)
YUV	233.9910, -6.4046, 0.8849
Hunter-Lab	91.0862, -7.7308, 11.4117

Details

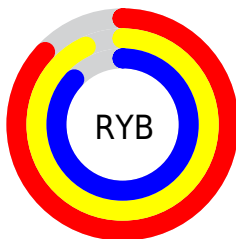
The CIELCh color **93, 7.718, 112.250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 7.846, 293.387**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 7.580, 112.332** is the 20% darker color. If you saturate the color by 10%, you get **92, 19.833, 111.394**, and if you desaturate by 10%, it is **94, 4.450, 293.130**.

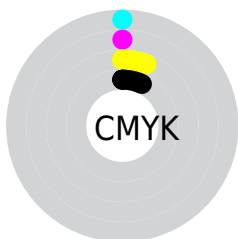
Distribution



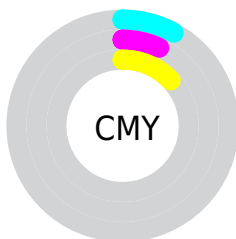
- Red (92%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (87%)



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



- Cyan (8%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.718, 112.250 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, 7.718, 112.250 by changing the saturation by 10% instead.

■ 93, 7.718, 112.250

■ 93, 7.718, 112.250

■ 100, 7.718,
112.250

■ 83, 7.718, 112.250

■ 73, 7.718, 112.250

■ 63, 7.718, 112.250

■ 53, 7.718, 112.250

■ 43, 7.718, 112.250

■ 33, 7.718, 112.250

■ 23, 7.718, 112.250

■ 13, 7.718, 112.250

■ 3, 7.718, 112.250

93, 7.718, 112.250

93, 7.718, 112.250

92, 19.833,
111.394

94, 4.450, 293.130

92, 31.811,
110.521

94, 9.770, 295.284

91, 43.536,
109.663

94, 9.833, 298.443

91, 54.822,
108.848

94, 10.045,
304.623

91, 65.390,
108.109

95, 10.193,
307.614

90, 74.828,
107.496

95, 10.368,
310.519

90, 82.592,
107.064

95, 10.569,
313.331

90, 88.112,
106.874

95, 10.794,
316.039

■ 90, 91.069,
106.960

Harmonies

Complementary

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



93, 7.718, 112.250



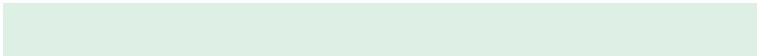
89, 7.846, 293.387

Rectangle

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



93, 7.718, 112.250



93, 7.718, 162.250



93, 7.718, 292.250



93, 7.718, 342.250

Sweetspot

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



93, 7.720, 112.261



100, 2.580, 112.623



90, 5.107, 25.465



53, 1.466, 112.630



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, 7.720, 112.261



99, 10.344, 112.117



92, 8.337, 131.114



49, 6.864, 111.994



71, 75.188, 106.965



21, 30.695, 107.180

Inverse Universe

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



89, 7.846, 293.387



94, 10.545, 293.546



89, 8.414, 311.613



45, 7.018, 293.685



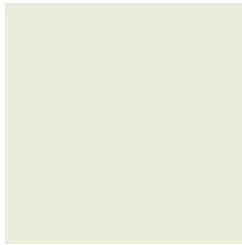
22, 103.130, 306.492



3, 35.877, 299.334

Previews

White Background



This preview shows how the CIELCh color 93, 7.718, 112.250 looks on a white background.

Color Contrast Check

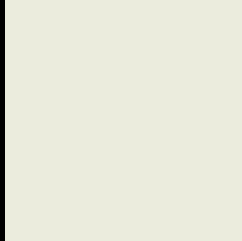
Large Text (above 18pt) WCAG AA × Fail

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, 7.718, 112.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

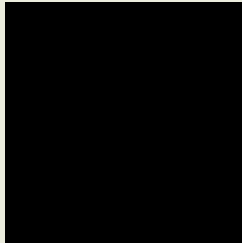
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

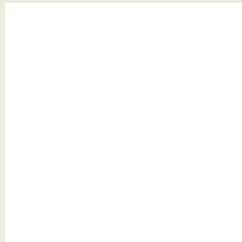
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.718, 112.250

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.718, 112.250.

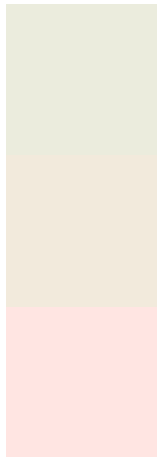


This preview shows how white text looks on a background with the CIELCh color 93, 7.718, 112.250.

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

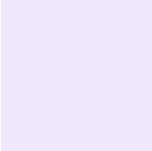
93, 7.718, 112.250

Protanopia

93, 7.751, 87.439

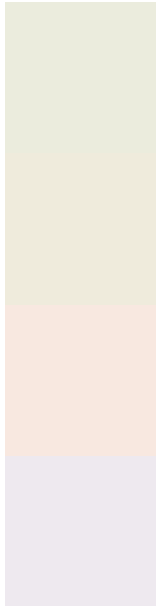
Deuteranopia

93, 9.617, 29.186



Tritanopia
93, 9.648, 305.455

Trichromacy



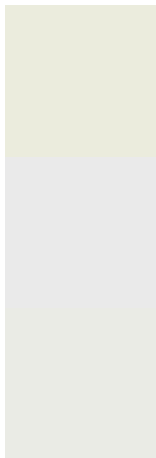
Original Color
93, 7.718, 112.250

Protanomaly
93, 7.834, 98.829

Deuteranomaly
93, 7.124, 54.851

Tritanomaly
93, 3.592, 319.844

Monochromacy



Original Color
93, 7.718, 112.250

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.105, 116.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.718, 112.250 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(235, 236, 221)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 236, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.718, 112.250 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(235, 236, 221) }
```

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

```
.border{ border-color:rgb(235, 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(235, 236, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.718, 112.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 236, 221) }
```

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

```
.background{ background-color: rgb(235,  
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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