

Converting Colors

CIELCh(93, 5.559, 102.558)

Have a look what the booklet for
CIELCh(93, 5.559, 102.558) contains.

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Color

CIELCh(93, 5.692, 102.418)

Conversions

Conversions Part 1

Format	Color
Hex	EDEBE0
RGB	237, 235, 224
RGB Percent	93%, 92%, 88%
CMY	0.0698, 0.0776, 0.1208
CMYK	0.00, 0.01, 0.05, 0.07
HSL	51°, 27%, 90%
HSV	51°, 5%, 93%
XYZ	78.2429, 82.9670, 82.5555
YIQ	234.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

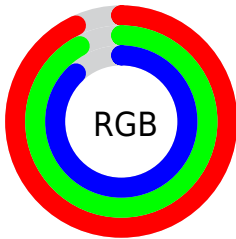
Format	Color
R _Y B	226, 237, 224
Decimal	15592416
CIE Lab	93.00, -1.22, 5.56
CIE LCh	93, 5.692, 102.418
Yxy	82.9670, 0.3210, 0.3404
Android (android.graphics.Color)	4293782496 (0xFFEDEBE0)
YUV	234.3440, -5.0996, 2.3293
Hunter-Lab	91.0862, -6.0697, 10.0232

Details

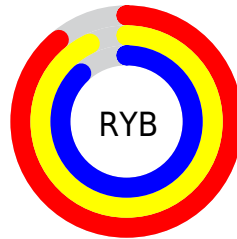
The CIELCh color **93, 5.692, 102.418** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 5.756, 283.701**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.455, 101.593** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.135, 101.339**, and if you desaturate by 10%, it is **95, 4.698, 283.575**.

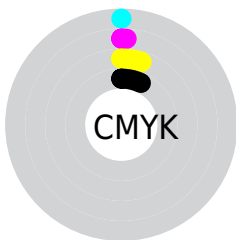
Distribution



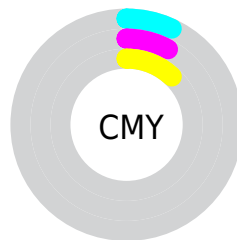
- Red (93%)
- Green (92%)
- Blue (88%)



- Red (89%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.692, 102.418 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, 5.692, 102.418 by changing the saturation by 10% instead.

93, 5.692, 102.418

93, 5.692, 102.418

100, 5.692,
102.418

83, 5.692, 102.418

73, 5.692, 102.418

63, 5.692, 102.418

53, 5.692, 102.418

43, 5.692, 102.418

33, 5.692, 102.418

23, 5.692, 102.418

13, 5.692, 102.418

3, 5.692, 102.418

93, 5.692, 102.418

93, 5.692, 102.418

92, 16.135,
101.339

95, 4.698, 283.575

90, 26.583,
100.202

96, 6.640, 274.837

89, 36.962, 99.043

97, 5.431, 256.206

88, 47.141, 97.877

97, 5.031, 231.379

86, 56.898, 96.713

98, 5.608, 207.463

85, 65.872, 95.561

99, 6.108, 199.127

84, 73.512, 94.426

83, 79.107, 93.295

82, 82.030, 92.134

Harmonies

Complementary

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



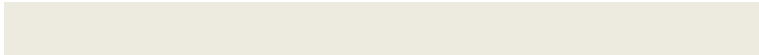
93, 5.692, 102.418



90, 5.756, 283.701

Rectangle

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



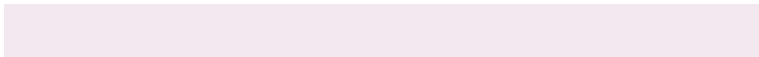
93, 5.692, 102.418



93, 5.692, 152.418



93, 5.692, 282.418



93, 5.692, 332.418

Sweetspot

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



93, 5.694, 102.437



100, 2.194, 102.770



90, 4.828, 6.193



53, 1.247, 102.777



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, 5.694, 102.437



99, 7.717, 102.272



93, 6.873, 122.763



50, 4.767, 102.212



65, 68.343, 91.802



20, 27.998, 93.794

Inverse Universe

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



90, 5.756, 283.701



95, 7.810, 283.879



90, 6.959, 303.340



47, 4.827, 283.945



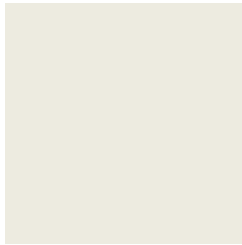
25, 95.681, 303.783



4, 33.798, 295.850

Previews

White Background



This preview shows how the CIELCh color 93, 5.692, 102.418 looks on a white background.

Color Contrast Check

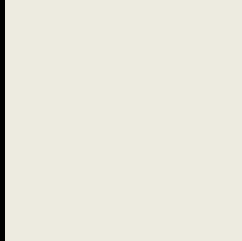
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 5.692, 102.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

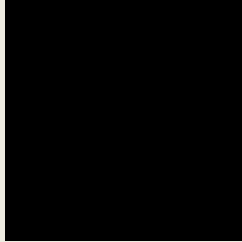
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

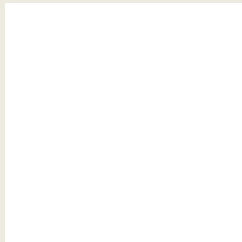
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.692, 102.418

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.692, 102.418.

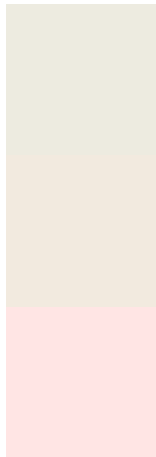


This preview shows how white text looks on a background with the CIELCh color 93, 5.692, 102.418.

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, 5.692, 102.418

Protanopia

93, 6.340, 82.405

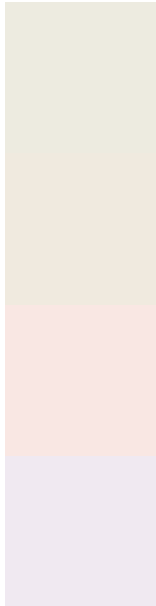
Deuteranopia

93, 9.477, 23.095



Tritanopia
93, 10.463, 310.301

Trichromacy



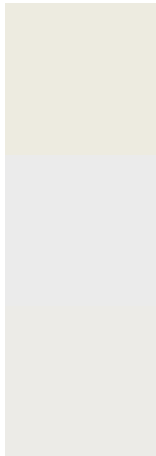
Original Color
93, 5.692, 102.418

Protanomaly
93, 6.044, 88.590

Deuteranomaly
93, 6.842, 37.204

Tritanomaly
93, 4.842, 321.108

Monochromacy



Original Color
93, 5.692, 102.418

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.076, 100.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.692, 102.418 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(237, 235, 224)` looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 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(237, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.692, 102.418 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(237, 235, 224) }
```

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

```
.border{ border-color:rgb(237, 235, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 235, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.692, 102.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 235, 224) }
```

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

```
.background{ background-color: rgb(237,  
235, 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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