

Converting Colors

CIELCh(93, 6.528, 103.891)

Have a look what the booklet for
CIELCh(93, 6.528, 103.891) contains.

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Color

CIELCh(93, 6.202, 102.970)

Conversions

Conversions Part 1

Format	Color
Hex	EDEBDF
RGB	237, 235, 223
RGB Percent	93%, 92%, 87%
CMY	0.0695, 0.0773, 0.1244
CMYK	0.00, 0.01, 0.06, 0.07
HSL	51°, 28%, 90%
HSV	51°, 6%, 93%
XYZ	78.1588, 82.9670, 81.8987
YIQ	234.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

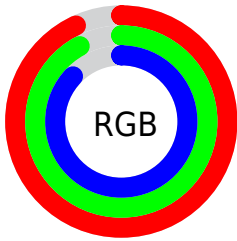
Format	Color
R_{YB}	225, 237, 223
Decimal	15592415
CIE Lab	93.00, -1.39, 6.04
CIE LCh	93, 6.202, 102.970
Yxy	82.9670, 0.3216, 0.3414
Android (android.graphics.Color)	4293782495 (0xFFEDEBDF)
YUV	234.2300, -5.5364, 2.4293
Hunter-Lab	91.0862, -6.2345, 10.4507

Details

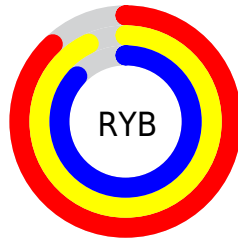
The CIELCh color **93, 6.202, 102.970** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 6.275, 284.329**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.991, 102.250** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.764, 101.897**, and if you desaturate by 10%, it is **94, 4.316, 284.115**.

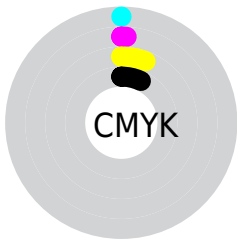
Distribution



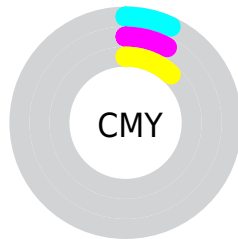
- Red (93%)
- Green (92%)
- Blue (87%)



- Red (88%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (7%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.202, 102.970 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, 6.202, 102.970 by changing the saturation by 10% instead.

 93, 6.202, 102.970

 93, 6.202, 102.970

 100, 6.202,
102.970

 83, 6.202, 102.970

 73, 6.202, 102.970

 63, 6.202, 102.970

 53, 6.202, 102.970

 43, 6.202, 102.970

 33, 6.202, 102.970

 23, 6.202, 102.970

 13, 6.202, 102.970

 3, 6.202, 102.970

93, 6.202, 102.970

93, 6.202, 102.970

92, 16.764,
101.897

94, 4.316, 284.115

90, 27.318,
100.770

95, 6.823, 276.830

96, 5.603, 260.621

89, 37.786, 99.626

97, 5.023, 238.437

88, 48.030, 98.477

98, 5.292, 214.950

87, 57.820, 97.336

99, 6.085, 199.129

86, 66.782, 96.214

85, 74.356, 95.118

84, 79.835, 94.040

83, 82.626, 92.953

Harmonies

Complementary

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



93, 6.202, 102.970



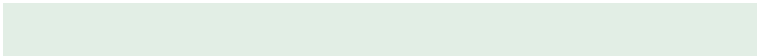
90, 6.275, 284.329

Rectangle

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



93, 6.202, 102.970



93, 6.202, 152.970



93, 6.202, 282.970



93, 6.202, 332.970

Sweetspot

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



93, 6.204, 102.987



100, 2.219, 103.363



90, 5.178, 7.542



53, 1.261, 103.370



0, 0.000, 0.000



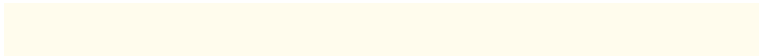
53, 0.007, 296.813

Same Dimension

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



93, 6.204, 102.987



99, 7.806, 102.868



93, 7.422, 123.367



50, 4.822, 102.808



65, 68.765, 92.689



20, 28.258, 94.576

Inverse Universe

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



90, 6.275, 284.329



95, 7.904, 284.459



90, 7.517, 303.974



47, 4.886, 284.524



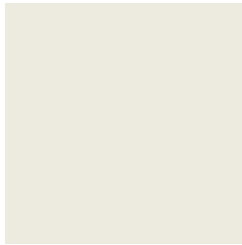
24, 96.581, 304.055



4, 34.081, 296.079

Previews

White Background



This preview shows how the CIELCh color 93, 6.202, 102.970 looks on a white background.

Color Contrast Check

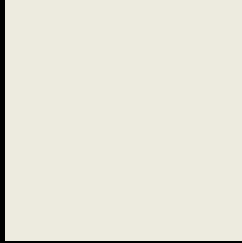
Large Text (above 18pt) WCAG AA × Fail

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, 6.202, 102.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

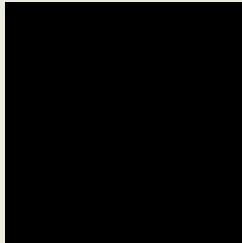
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

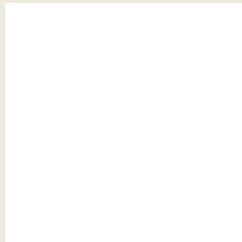
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.202, 102.970

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.202, 102.970.

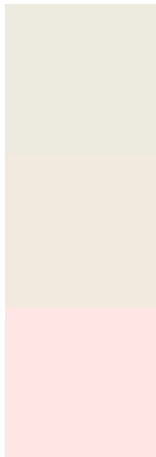


This preview shows how white text looks on a background with the CIELCh color 93, 6.202, 102.970.

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, 6.202, 102.970

Protanopia

93, 6.340, 82.405

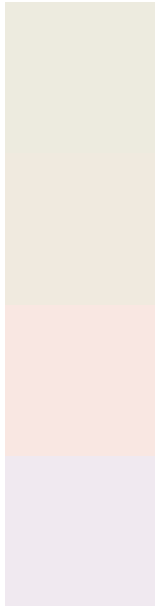
Deuteranopia

93, 9.533, 26.163



Tritanopia
93, 10.463, 310.301

Trichromacy



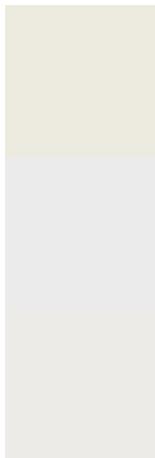
Original Color
93, 6.202, 102.970

Protanomaly
93, 6.044, 88.590

Deuteranomaly
93, 7.023, 41.172

Tritanomaly
93, 4.408, 324.536

Monochromacy



Original Color
93, 6.202, 102.970

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, 6.202, 102.970 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.202, 102.970 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, 223) }
```

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

```
.border{ border-color:rgb(237, 235, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 223);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.202, 102.970 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, 223) }
```

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

```
.background{ background-color: rgb(237,  
235, 223) }
```

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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