

Converting Colors

CIELCh(93, 6.636, 133.505)

Have a look what the booklet for
CIELCh(93, 6.636, 133.505) contains.

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Color

CIELCh(93, 6.210, 133.523)

Conversions

Conversions Part 1

Format	Color
Hex	E6EDE2
RGB	230, 237, 226
RGB Percent	90%, 93%, 89%
CMY	0.0976, 0.0702, 0.1133
CMYK	0.03, 0.00, 0.05, 0.07
HSL	98°, 24%, 91%
HSV	98°, 5%, 93%
XYZ	76.7239, 82.9670, 83.9979
YIQ	233.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

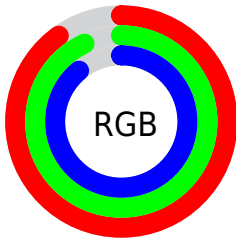
Format	Color
RYB	226, 237, 233
Decimal	15134178
CIELab	93.00, -4.28, 4.50
CIELCh	93, 6.210, 133.523
Yxy	82.9670, 0.3148, 0.3405
Android (android.graphics.Color)	4293324258 (0xFFE6EDE2)
YUV	233.6530, -3.7729, -3.2037
Hunter-Lab	91.0862, -9.0466, 9.0843

Details

The CIELCh color **93, 6.210, 133.523** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 6.258, 313.852**, 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, 5.885, 132.281** is the 20% darker color. If you saturate the color by 10%, you get **91, 19.685, 133.062**, and if you desaturate by 10%, it is **95, 7.158, 313.874**.

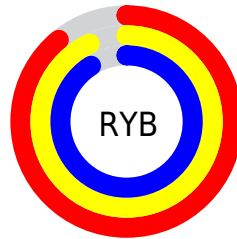
Distribution



Red (90%)

Green (93%)

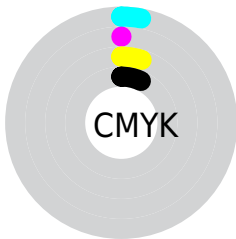
Blue (89%)



Red (89%)

Yellow (93%)

Blue (91%)

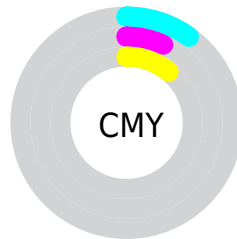


Cyan (3%)

Magenta (0%)

Yellow (5%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.210, 133.523 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, 6.210, 133.523 by changing the saturation by 10% instead.

93, 6.210, 133.523

93, 6.210, 133.523

100, 6.210,
133.523

83, 6.210, 133.523

73, 6.210, 133.523

63, 6.210, 133.523

53, 6.210, 133.523

43, 6.210, 133.523

33, 6.210, 133.523

23, 6.210, 133.523

13, 6.210, 133.523

3, 6.210, 133.523

93, 6.210, 133.523

93, 6.210, 133.523

91, 19.685,
133.062

95, 7.158, 313.874

90, 33.160,
132.572

96, 11.159,
324.802

89, 46.496,
132.058


87, 59.493,
131.544

86, 71.869,
131.075

85, 83.229,
130.727

85, 93.051,
130.611

84, 100.749,
130.860

 83,105.894,
131.572

Harmonies

Complementary

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



93, 6.210, 133.523



91, 6.258, 313.852

Rectangle

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



93, 6.210, 133.523



93, 6.210, 183.523



93, 6.210, 313.523



93, 6.210, 3.523

Sweetspot

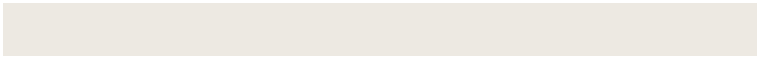
The Sweet Spot groups the original color and five complimentary colors.



93, 6.212, 133.528



100, 1.409, 133.787



93, 3.854, 87.709



53, 0.801, 133.797



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

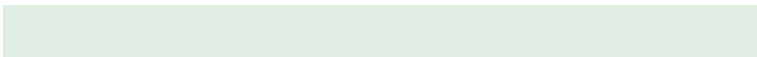
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 6.212, 133.528



99, 8.528, 133.462



93, 6.318, 148.079



49, 5.284, 133.434



65, 87.824, 131.827



19, 35.116, 131.423

Inverse Universe

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



91, 6.258, 313.852



96, 8.594, 313.917



91, 6.339, 328.529



47, 5.327, 313.944



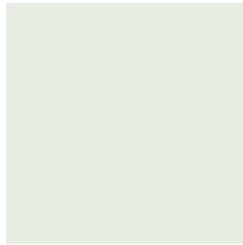
32, 93.734, 315.455



5, 38.294, 316.223

Previews

White Background



This preview shows how the CIE LCh color 93, 6.210, 133.523 looks on a white background.

Color Contrast Check

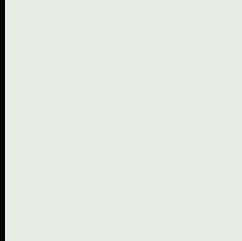
Large Text (above 18pt) WCAG AA × Fail

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, 6.210, 133.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

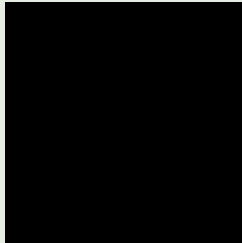
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

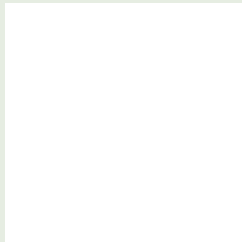
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.210, 133.523

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.210, 133.523.

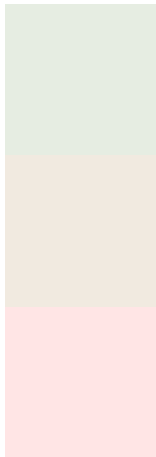


This preview shows how white text looks on a background with the CIELCh color 93, 6.210, 133.523.

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, 6.210, 133.523

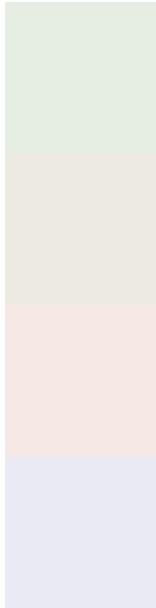
Protanopia
93, 5.715, 83.378

Deuteranopia
93, 9.448, 19.999



Tritanopia
93, 9.830, 292.957

Trichromacy



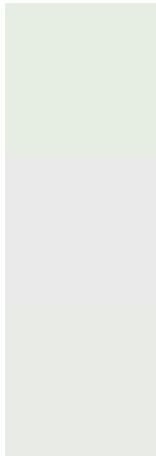
Original Color
93, 6.210, 133.523

Protanomaly
93, 5.181, 101.747

Deuteranomaly
93, 5.453, 41.749

Tritanomaly
93, 4.661, 286.270

Monochromacy



Original Color
93, 6.210, 133.523

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.179, 129.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.210, 133.523 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(230, 237, 226)` looks like.

```
.text, #text, p{  
    color:rgb(230, 237, 226)  
}
```

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(230, 237, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 237, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.210, 133.523 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(230, 237, 226) }
```

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

```
.border{ border-color:rgb(230, 237, 226) }
```

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

Here you see how a box with a 4 pixel rgb(230, 237, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 237, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 237, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 237,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.210, 133.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 237, 226) }
```

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

```
.background{ background-color: rgb(230,  
237, 226) }
```

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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