

Converting Colors

CIE LCh(93, 6.125, 111.023)

Have a look what the booklet for
CIELCh(93, 6.125, 111.023) contains.

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Color

CIELCh(93, 6.178, 113.026)

Conversions

Conversions Part 1

Format	Color
Hex	EBECE0
RGB	235, 236, 224
RGB Percent	92%, 93%, 88%
CMY	0.0788, 0.0748, 0.1219
CMYK	0.00, 0.00, 0.05, 0.07
HSL	65°, 24%, 90%
HSV	65°, 5%, 93%
XYZ	77.6471, 82.9670, 82.3832
YIQ	234.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

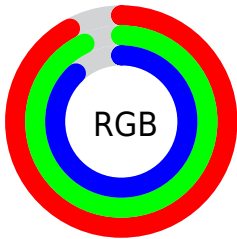
Format	Color
R _Y B	224, 236, 225
Decimal	15461600
CIE Lab	93.00, -2.42, 5.69
CIE LCh	93, 6.178, 113.026
Yxy	82.9670, 0.3195, 0.3414
Android (android.graphics.Color)	4293651680 (0xFFEBECE0)
YUV	234.3330, -5.0942, 0.5850
Hunter-Lab	91.0862, -7.2373, 10.1353

Details

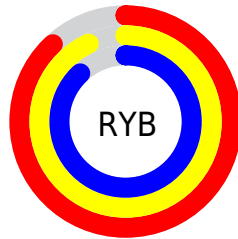
The CIELCh color **93, 6.178, 113.026** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 6.268, 293.912**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.961, 113.254** is the 20% darker color. If you saturate the color by 10%, you get **92, 18.305, 112.199**, and if you desaturate by 10%, it is **94, 5.993, 293.877**.

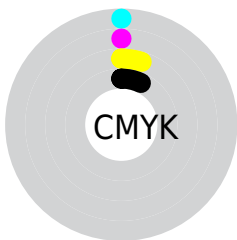
Distribution



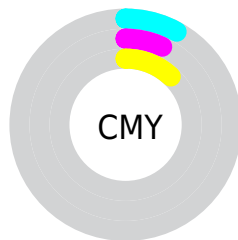
- Red (92%)
- Green (93%)
- Blue (88%)



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



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




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 6.178, 113.026 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, 6.178, 113.026 by changing the saturation by 10% instead.

 93, 6.178, 113.026

 93, 6.178, 113.026

 100, 6.178,
113.026

 83, 6.178, 113.026

 73, 6.178, 113.026

 63, 6.178, 113.026


 53, 6.178, 113.026

 43, 6.178, 113.026

 33, 6.178, 113.026

 23, 6.178, 113.026

 13, 6.178, 113.026

 3, 6.178, 113.026

93, 6.178, 113.026

93, 6.178, 113.026

92, 18.305,
112.199

94, 5.993, 293.877

92, 30.308,
111.350

94, 9.902, 296.804

91, 42.076,
110.513

94, 10.003,
300.679

91, 53.435,
109.715

94, 10.147,
304.474

90, 64.119,
108.992

95, 10.334,
308.162

90, 73.737,
108.390

95, 10.563,
311.717

90, 81.762,
107.972

95, 10.829,
315.123

89, 87.615,
107.800

95, 11.133,
318.367

■ 89, 90.920,
107.922

■ 95, 11.470,
321.441

Harmonies

Complementary

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



93, 6.178, 113.026



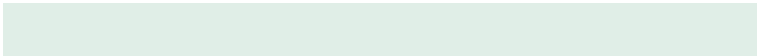
90, 6.268, 293.912

Rectangle

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



93, 6.178, 113.026



93, 6.178, 163.026



93, 6.178, 293.026



93, 6.178, 343.026

Sweetspot

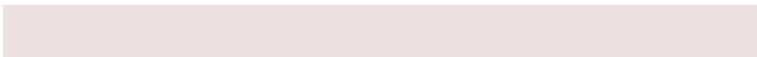
The Sweet Spot groups the original color and five complimentary colors.



93, 6.180, 113.039



100, 2.582, 113.287



90, 4.004, 26.952



53, 1.467, 113.294



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, 6.180, 113.039



100, 7.764, 112.962



93, 6.692, 131.738



49, 4.809, 112.912



70, 75.319, 107.976



21, 30.727, 108.098

Inverse Universe

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



90, 6.268, 293.912



95, 7.886, 293.995



90, 6.748, 312.114



46, 4.890, 294.050



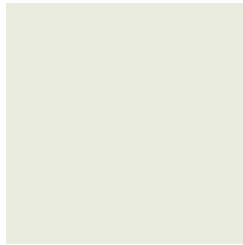
22, 103.028, 306.553



3, 35.917, 299.728

Previews

White Background



This preview shows how the CIELCh color 93, 6.178, 113.026 looks on a white background.

Color Contrast Check

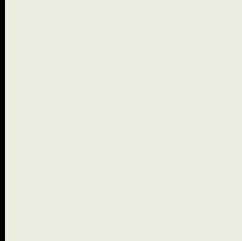
Large Text (above 18pt) WCAG AA × Fail

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, 6.178, 113.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

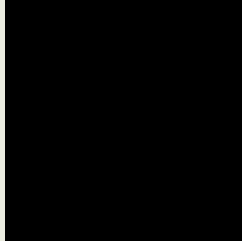
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

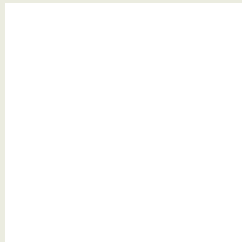
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.178, 113.026

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.178, 113.026.

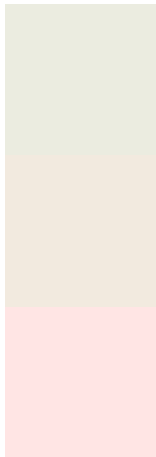


This preview shows how white text looks on a background with the CIELCh color 93, 6.178, 113.026.

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](#).

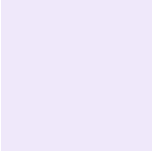
Dichromacy



Original Color
93, 6.178, 113.026

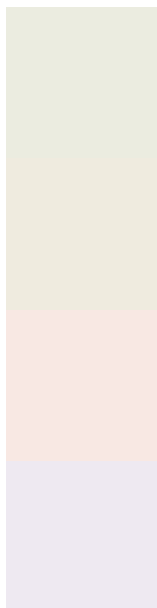
Protanopia
93, 6.340, 82.405

Deuteranopia
93, 9.477, 23.095



Tritanopia
93, 9.648, 305.455

Trichromacy



Original Color
93, 6.178, 113.026

Protanomaly
93, 6.322, 96.409

Deuteranomaly
93, 6.336, 43.565

Tritanomaly
93, 4.518, 313.408

Monochromacy



Original Color
93, 6.178, 113.026

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.594, 117.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.178, 113.026 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(235, 236, 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(235, 236, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.178, 113.026 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, 224) }
```

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

```
.border{ border-color:rgb(235, 236, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.178, 113.026 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, 224) }
```

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

```
.background{ background-color: rgb(235,  
236, 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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