

Converting Colors

CIELCh(93, 18.429, 116.951)

Have a look what the booklet for
CIELCh(93, 18.429, 116.951)
contains.

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Color

CIELCh(93, 18.636, 116.739)

Conversions

Conversions Part 1

Format	Color
Hex	E8EFCB
RGB	232, 239, 203
RGB Percent	91%, 94%, 80%
CMY	0.0913, 0.0639, 0.2050
CMYK	0.03, 0.00, 0.15, 0.06
HSL	72°, 52%, 87%
HSV	72°, 15%, 94%
XYZ	74.7105, 82.9670, 68.3990
YIQ	232.8030, 7.3840, -12.6800

Conversions

Conversions Part 2

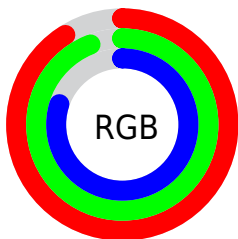
Format	Color
R _Y B	203, 239, 210
Decimal	15265739
CIE Lab	93.00, -8.38, 16.64
CIE LCh	93, 18.636, 116.739
Yxy	82.9670, 0.3305, 0.3670
Android (android.graphics.Color)	4293455819 (0xFFE8EFCB)
YUV	232.8030, -14.6929, -0.7042
Hunter-Lab	91.0862, -12.9921, 19.2380

Details

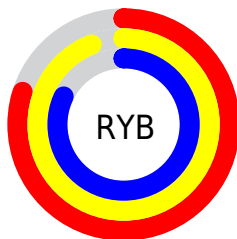
The CIELCh color **93, 18.636, 116.739** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 19.251, 298.926**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 18.511, 116.979** is the 20% darker color. If you saturate the color by 10%, you get **92, 30.881, 116.040**, and if you desaturate by 10%, it is **94, 6.282, 117.440**.

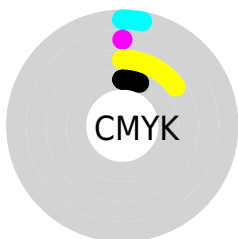
Distribution



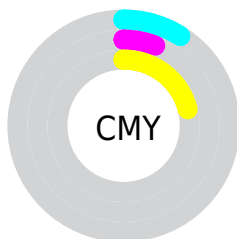
- Red (91%)
- Green (94%)
- Blue (80%)



- Red (80%)
- Yellow (94%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)





- Cyan (9%)
- Magenta (6%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 18.636, 116.739 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, 18.636, 116.739 by changing the saturation by 10% instead.


 93, 18.636,
116.739


 93, 18.636,
116.739


 100, 18.636,
116.739


 83, 18.636,
116.739

 73, 18.636,
116.739

 63, 18.636,
116.739

 53, 18.636,
116.739

 43, 18.636,
116.739

 33, 18.636,
116.739

 23, 18.636,

116.739

■ 13, 18.636,
116.739

■ 3, 18.636, 116.739

■ 93, 18.636,
116.739

■ 93, 18.636,
116.739

■ 92, 30.881,
116.040

■ 94, 6.282, 117.440

■ 91, 42.896,
115.349

■ 95, 6.110, 298.112

■ 95, 8.743, 306.723

■ 91, 54.509,
114.699

■ 96, 9.328, 316.318

■ 90, 65.456,
114.136

■ 96, 10.143,
324.655

■ 90, 75.350,
113.720

■ 96, 10.156,
324.764

■ 89, 83.668,
113.534

■ 89, 89.832,
113.672

■ 89, 93.462,
114.208

■ 88, 94.556,
114.581

Harmonies

Complementary

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



93, 18.636, 116.739



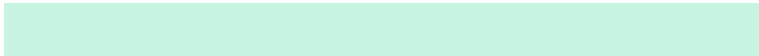
83, 19.251, 298.926

Rectangle

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



93, 18.636, 116.739



93, 18.636, 166.739



93, 18.636, 296.739



93, 18.636, 346.739

Sweetspot

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



93, 18.638, 116.744



100, 6.524, 117.445



86, 11.571, 37.386



53, 4.452, 117.396



0, 0.000, 0.000



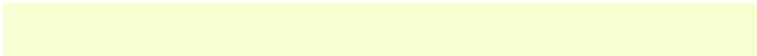
53, 0.007, 296.813

Same Dimension

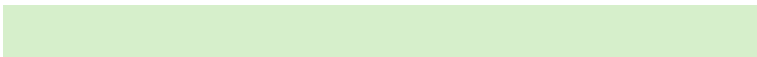
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 18.638, 116.744



98, 23.452, 116.534



92, 20.658, 134.545



50, 7.053, 117.135



70, 77.607, 114.402



22, 32.471, 113.794

Inverse Universe

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



83, 19.251, 298.926



86, 24.383, 299.183



85, 20.916, 315.834



46, 7.202, 298.472



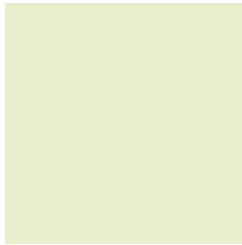
23, 103.047, 307.216



3, 38.371, 303.259

Previews

White Background



This preview shows how the CIELCh color 93, 18.636, 116.739 looks on a white background.

Color Contrast Check

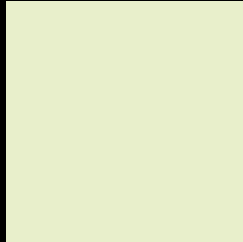
Large Text (above 18pt) WCAG AA × Fail

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, 18.636, 116.739 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

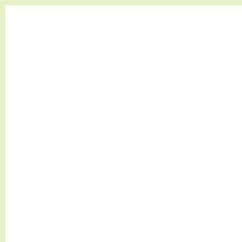
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 18.636, 116.739

Background



This preview shows how black text looks on a background with the CIELCh color 93, 18.636, 116.739.

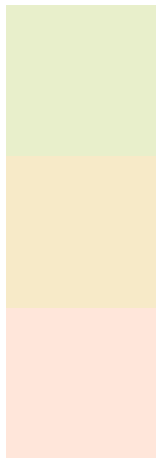


This preview shows how white text looks on a background with the CIELCh color 93, 18.636, 116.739.

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

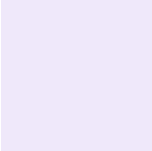
93, 18.636, 116.739

Protanopia

93, 18.134, 93.045

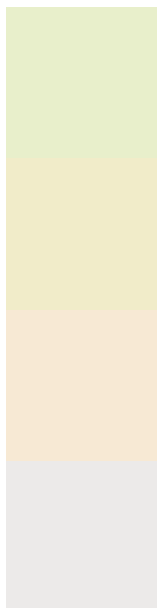
Deuteranopia

93, 11.126, 53.440



Tritanopia
93, 9.648, 305.455

Trichromacy



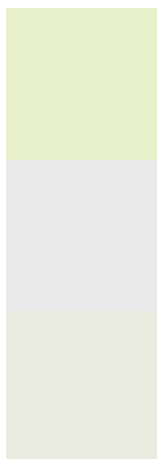
Original Color
93, 18.636, 116.739

Protanomaly
93, 18.041, 102.761

Deuteranomaly
93, 11.975, 83.570

Tritanomaly
93, 0.868, 54.962

Monochromacy



Original Color
93, 18.636, 116.739

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 6.731, 115.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 18.636, 116.739 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(232, 239, 203)` looks like.

```
.text, #text, p{  
    color:rgb(232, 239, 203)  
}
```

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(232, 239, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 239, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 18.636, 116.739 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(232, 239, 203) }
```

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

```
.border{ border-color:rgb(232, 239, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 239, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 239, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 239, 203); box-shadow:4px 4px 4px 4px rgb(232, 239, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 18.636, 116.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 239, 203) }
```

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

```
.background{ background-color: rgb(232,  
239, 203) }
```

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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