

Converting Colors

CIELCh(93, 6.218, 108.712)

Have a look what the booklet for
CIELCh(93, 6.218, 108.712) contains.

CIELCh(93, 6.163, 109.677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 6.163, 109.677)

Conversions

Conversions Part 1

Format	Color
Hex	ECECE0
RGB	236, 236, 224
RGB Percent	93%, 93%, 88%
CMY	0.0757, 0.0757, 0.1227
CMYK	0.00, 0.00, 0.05, 0.08
HSL	60°, 24%, 90%
HSV	60°, 5%, 92%
XYZ	77.8174, 82.9670, 82.2242
YIQ	234.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

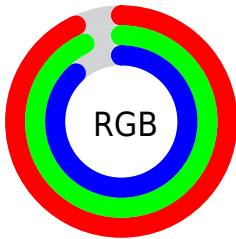
Format	Color
R_{YB}	224, 236, 224
Decimal	15527136
CIE _{Lab}	93.00, -2.08, 5.80
CIE _{LCh}	93, 6.163, 109.677
Yxy	82.9670, 0.3202, 0.3414
Android (android.graphics.Color)	4293717216 (0xFFECECE0)
YUV	234.6320, -5.2416, 1.1997
Hunter-Lab	91.0862, -6.9037, 10.2389

Details

The CIELCh color **93, 6.163, 109.677** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 6.253, 290.712**, 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, 5.944, 109.590** is the 20% darker color. If you saturate the color by 10%, you get **92, 18.252, 108.727**, and if you desaturate by 10%, it is **94, 5.970, 290.671**.

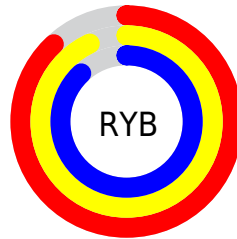
Distribution



Red (93%)

Green (93%)

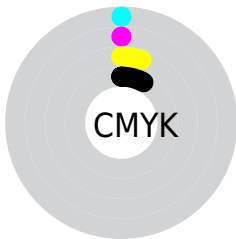
Blue (88%)



Red (88%)

Yellow (93%)

Blue (88%)

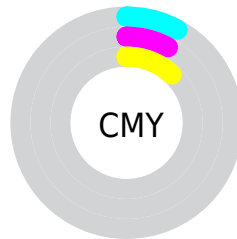


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.163, 109.677 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, 6.163, 109.677 by changing the saturation by 10% instead.

93, 6.163, 109.677

93, 6.163, 109.677

100, 6.163,
109.677

83, 6.163, 109.677

73, 6.163, 109.677

63, 6.163, 109.677

53, 6.163, 109.677

43, 6.163, 109.677

33, 6.163, 109.677

23, 6.163, 109.677

13, 6.163, 109.677

3, 6.163, 109.677

93, 6.163, 109.677

93, 6.163, 109.677

92, 18.252,
108.727

94, 5.970, 290.671

92, 30.217,
107.753

94, 9.948, 290.986

92, 41.949,
106.793

94, 9.948, 291.003

91, 53.272,
105.867

94, 9.948, 291.038

91, 63.917,
105.006

94, 9.949, 291.055

91, 73.485,
104.245


94, 9.949, 291.073

91, 81.442,
103.624

94, 9.949, 291.090

91, 87.212,
103.182

94, 9.949, 291.107

 91, 90.424,
102.941

Harmonies

Complementary

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



93, 6.163, 109.677



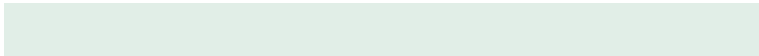
89, 6.253, 290.712

Rectangle

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



93, 6.163, 109.677



93, 6.163, 159.677



93, 6.163, 289.677



93, 6.163, 339.677

Sweetspot

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



93, 6.165, 109.692



100, 2.575, 109.971



90, 4.337, 19.573



53, 1.464, 109.979



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, 6.165, 109.692



100, 7.745, 109.603



93, 6.561, 128.866



49, 4.797, 109.546



71, 74.937, 102.875



21, 30.655, 103.485

Inverse Universe

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



89, 6.253, 290.712



95, 7.867, 290.808



90, 6.624, 309.273



46, 4.878, 290.871



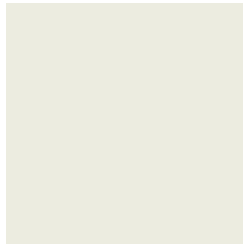
21, 103.473, 306.288



2, 35.735, 297.760

Previews

White Background



This preview shows how the CIELCh color 93, 6.163, 109.677 looks on a white background.

Color Contrast Check

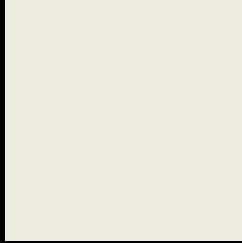
Large Text (above 18pt) WCAG AA × Fail

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, 6.163, 109.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

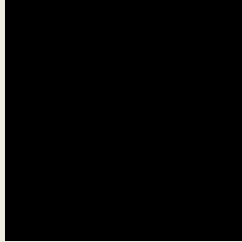
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

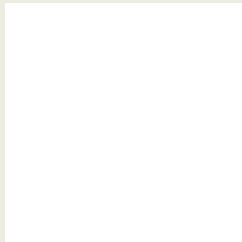
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.163, 109.677

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.163, 109.677.

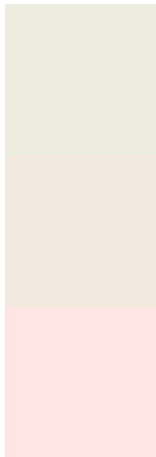


This preview shows how white text looks on a background with the CIELCh color 93, 6.163, 109.677.

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

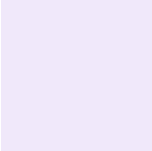
93, 6.163, 109.677

Protanopia

93, 6.340, 82.405

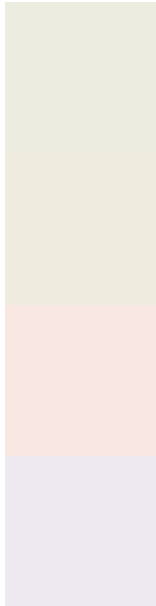
Deuteranopia

93, 9.477, 23.095



Tritanopia
93, 9.744, 307.434

Trichromacy



Original Color
93, 6.163, 109.677

Protanomaly
93, 6.412, 93.235

Deuteranomaly
93, 6.681, 42.307

Tritanomaly
93, 4.048, 316.254

Monochromacy



Original Color
93, 6.163, 109.677

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.565, 109.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.163, 109.677 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(236, 236, 224)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 93, 6.163, 109.677 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(236, 236, 224) }
```

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

```
.border{ border-color:rgb(236, 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(236, 236, 224)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 93, 6.163, 109.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 224) }
```

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

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