

Converting Colors

CIELCh(93, 5.403, 111.647)

Have a look what the booklet for
CIELCh(93, 5.403, 111.647) contains.

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Color

CIELCh(93, 5.665, 113.363)

Conversions

Conversions Part 1

Format	Color
Hex	EBECE1
RGB	235, 236, 225
RGB Percent	92%, 93%, 88%
CMY	0.0790, 0.0751, 0.1182
CMYK	0.00, 0.00, 0.05, 0.08
HSL	65°, 22%, 90%
HSV	65°, 5%, 92%
XYZ	77.7319, 82.9670, 83.0430
YIQ	234.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

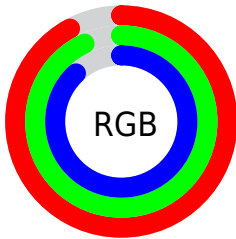
Format	Color
R_{YB}	225, 236, 226
Decimal	15461601
CIE Lab	93.00, -2.25, 5.20
CIE LCh	93, 5.665, 113.363
Yxy	82.9670, 0.3189, 0.3404
Android (android.graphics.Color)	4293651681 (0xFFEBECE1)
YUV	234.4470, -4.6574, 0.4850
Hunter-Lab	91.0862, -7.0712, 9.7059

Details

The CIELCh color **93, 5.665, 113.363** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 5.744, 294.166**, 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, 5.422, 113.662** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.798, 112.549**, and if you desaturate by 10%, it is **94, 6.509, 294.202**.

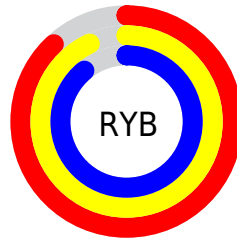
Distribution



Red (92%)

Green (93%)

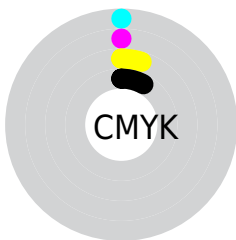
Blue (88%)



Red (88%)

Yellow (93%)

Blue (89%)

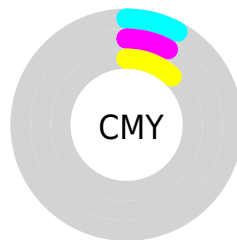


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.665, 113.363 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, 5.665, 113.363 by changing the saturation by 10% instead.

93, 5.665, 113.363

93, 5.665, 113.363

100, 5.665,
113.363

83, 5.665, 113.363

73, 5.665, 113.363

63, 5.665, 113.363

53, 5.665, 113.363

43, 5.665, 113.363

33, 5.665, 113.363

23, 5.665, 113.363

13, 5.665, 113.363

3, 5.665, 113.363

93, 5.665, 113.363

93, 5.665, 113.363

92, 17.798,
112.549

94, 6.509, 294.202

92, 29.811,
111.710

94, 9.953, 297.488

91, 41.594,
110.884

94, 10.072,
301.682

91, 52.978,
110.094

94, 10.244,
305.772

90, 63.702,
109.379

95, 10.466,
309.725

90, 73.381,
108.785

95, 10.735,
313.512

90, 81.494,
108.374

95, 11.049,
317.115

89, 87.460,
108.214

95, 11.404,
320.520

■ 89, 90.888,
108.354

■ 95, 11.797,
323.723

Harmonies

Complementary

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



93, 5.665, 113.363



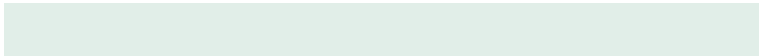
90, 5.744, 294.166

Rectangle

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



93, 5.665, 113.363



93, 5.665, 163.363



93, 5.665, 293.363



93, 5.665, 343.363

Sweetspot

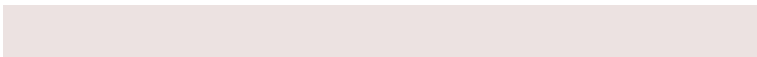
The Sweet Spot groups the original color and five complimentary colors.



93, 5.667, 113.377



100, 1.286, 113.656



91, 3.664, 26.924



53, 0.731, 113.659



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, 5.667, 113.377



100, 7.767, 113.266



93, 6.133, 131.758



49, 4.811, 113.217



70, 75.386, 108.431



21, 30.745, 108.512

Inverse Universe

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



90, 5.744, 294.166



95, 7.888, 294.285



90, 6.183, 312.093



46, 4.892, 294.339



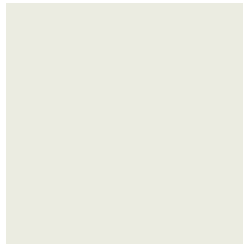
22, 102.977, 306.584



3, 35.936, 299.906

Previews

White Background



This preview shows how the CIELCh color 93, 5.665, 113.363 looks on a white background.

Color Contrast Check

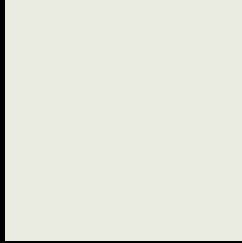
Large Text (above 18pt) WCAG AA × Fail

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, 5.665, 113.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

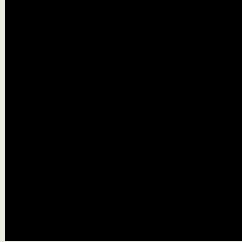
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

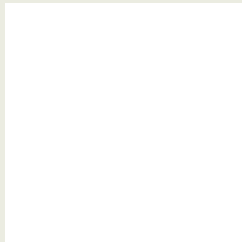
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.665, 113.363

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.665, 113.363.

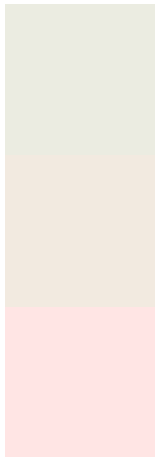


This preview shows how white text looks on a background with the CIELCh color 93, 5.665, 113.363.

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

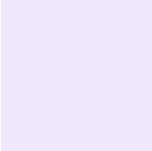
93, 5.665, 113.363

Protanopia

93, 5.884, 80.183

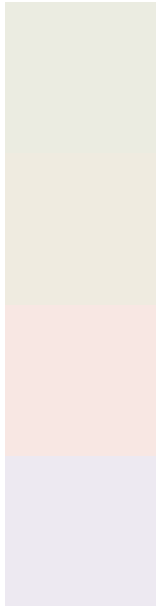
Deuteranopia

93, 9.477, 23.095



Tritanopia
93, 9.648, 305.455

Trichromacy



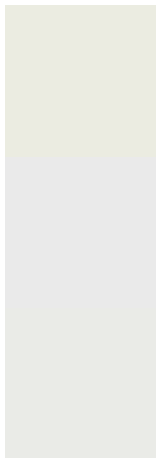
Original Color
93, 5.665, 113.363

Protanomaly
93, 5.822, 95.310

Deuteranomaly
93, 6.492, 38.156

Tritanomaly
93, 4.389, 309.183

Monochromacy



Original Color
93, 5.665, 113.363

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.085, 119.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.665, 113.363 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(235, 236, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.665, 113.363 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, 225) }
```

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

```
.border{ border-color:rgb(235, 236, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.665, 113.363 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, 225) }
```

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

```
.background{ background-color: rgb(235,  
236, 225) }
```

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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