

Converting Colors

CIELCh(93, 6.909, 163.169)

Have a look what the booklet for
CIELCh(93, 6.909, 163.169) contains.

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Color

CIELCh(93, 7.035, 163.161)

Conversions

Conversions Part 1

Format	Color
Hex	DFEFE7
RGB	223, 239, 231
RGB Percent	87%, 94%, 91%
CMY	0.1266, 0.0638, 0.0952
CMYK	0.07, 0.00, 0.03, 0.06
HSL	150°, 33%, 90%
HSV	150°, 7%, 94%
XYZ	75.5156, 82.9670, 87.4299
YIQ	233.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

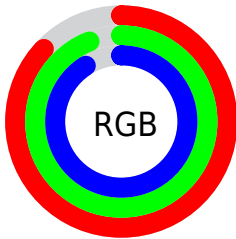
Format	Color
R _Y B	223, 234, 239
Decimal	14675943
CIE Lab	93.00, -6.73, 2.04
CIE LCh	93, 7.035, 163.161
Yxy	82.9670, 0.3071, 0.3374
Android (android.graphics.Color)	4292866023 (0xFFDFEFE7)
YUV	233.3040, -1.1359, -9.0366
Hunter-Lab	91.0862, -11.4145, 6.8504

Details

The CIELCh color **93, 7.035, 163.161** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 7.108, 344.137**, 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, 7.106, 161.294** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.542, 162.213**, and if you desaturate by 10%, it is **95, 3.463, 343.771**.

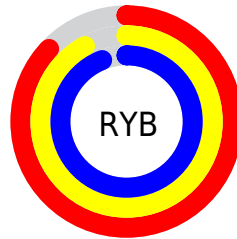
Distribution



Red (87%)

Green (94%)

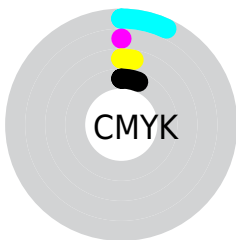
Blue (91%)



Red (87%)

Yellow (92%)

Blue (94%)

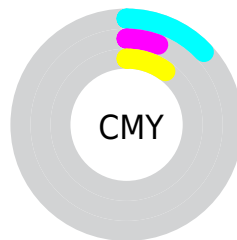


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (13%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.035, 163.161 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, 7.035, 163.161 by changing the saturation by 10% instead.

93, 7.035, 163.161

93, 7.035, 163.161

100, 7.035,
163.161

83, 7.035, 163.161

73, 7.035, 163.161

63, 7.035, 163.161

53, 7.035, 163.161

43, 7.035, 163.161

33, 7.035, 163.161

23, 7.035, 163.161

13, 7.035, 163.161

3, 7.035, 163.161

93, 7.035, 163.161

93, 7.035, 163.161

91, 17.542,
162.213

95, 3.463, 343.771

89, 27.923,
161.197

96, 9.981, 325.425

88, 38.024,
160.063

96, 10.148,
324.764

87, 47.669,
158.781

86, 56.677,
157.328

85, 64.880,
155.679

84, 72.153,
153.816

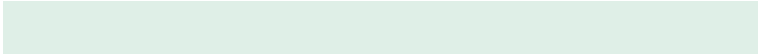
84, 78.441,
151.739

■ 83, 83.789,
149.477

Harmonies

Complementary

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



93, 7.035, 163.161



90, 7.108, 344.137

Rectangle

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



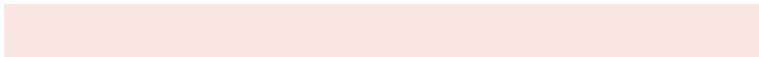
93, 7.035, 163.161



93, 7.035, 213.161



93, 7.035, 343.161



93, 7.035, 33.161

Sweetspot

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



93, 7.037, 163.155



100, 2.207, 163.702



93, 8.700, 128.200



53, 1.255, 163.722



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

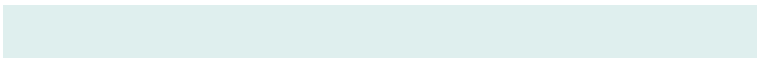
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 7.037, 163.155



98, 8.865, 163.029



93, 5.572, 197.730



49, 5.990, 162.894



66, 69.568, 149.151



20, 28.175, 152.925

Inverse Universe

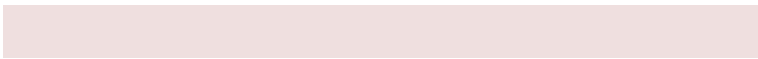
The Inverse Universe completely reimagines the original color for something new.



90, 7.108, 344.137



95, 8.965, 344.263



90, 5.805, 18.354



47, 6.067, 344.398



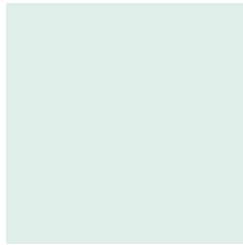
39, 66.220, 1.969



8, 29.445, 355.555

Previews

White Background



This preview shows how the CIE LCh color 93, 7.035, 163.161 looks on a white background.

Color Contrast Check

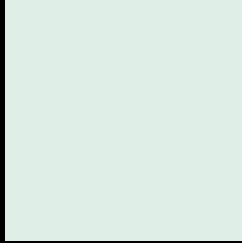
Large Text (above 18pt) WCAG AA × Fail

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, 7.035, 163.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

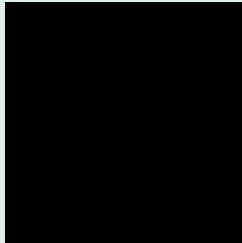
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

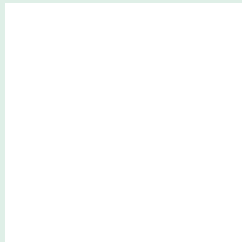
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.035, 163.161

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.035, 163.161.



This preview shows how white text looks on a background with the CIELCh color 93, 7.035, 163.161.

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](#).

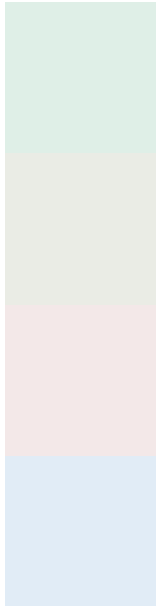
Dichromacy





Tritanopia
93, 10.125, 275.385

Trichromacy



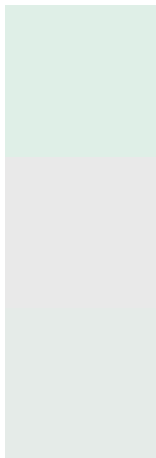
Original Color
93, 7.035, 163.161

Protanomaly
93, 3.671, 121.105

Deuteranomaly
93, 3.944, 19.520

Tritanomaly
93, 6.341, 253.952

Monochromacy



Original Color
93, 7.035, 163.161

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.640, 163.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.035, 163.161 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(223, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(223, 239, 231)  
}
```

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(223, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 239, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.035, 163.161 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(223, 239, 231) }
```

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

```
.border{ border-color:rgb(223, 239, 231) }
```

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

Here you see how a box with a 4 pixel rgb(223, 239, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(223, 239,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.035, 163.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 239, 231) }
```

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

```
.background{ background-color: rgb(223,  
239, 231) }
```

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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