

Converting Colors

CIELCh(93, 6.167, 163.227)

Have a look what the booklet for
CIELCh(93, 6.167, 163.227) contains.

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Color

CIELCh(93, 6.159, 163.239)

Conversions

Conversions Part 1

Format	Color
Hex	E0EEE7
RGB	224, 238, 231
RGB Percent	88%, 93%, 91%
CMY	0.1206, 0.0657, 0.0931
CMYK	0.06, 0.00, 0.03, 0.07
HSL	150°, 29%, 91%
HSV	150°, 6%, 93%
XYZ	75.9253, 82.9670, 87.7998
YIQ	233.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

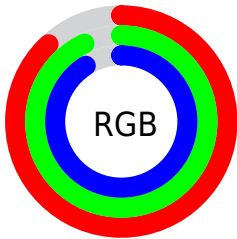
Format	Color
RYB	224, 233, 238
Decimal	14741223
CIELab	93.00, -5.90, 1.78
CIELCh	93, 6.159, 163.239
Yxy	82.9670, 0.3078, 0.3363
Android (android.graphics.Color)	4292931303 (0xFFE0EEE7)
YUV	233.0160, -0.9939, -7.9070
Hunter-Lab	91.0862, -10.6115, 6.6096

Details

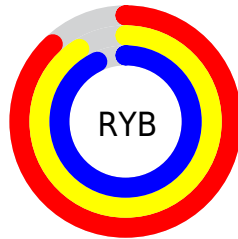
The CIELCh color **93, 6.159, 163.239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 6.219, 344.056**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.185, 161.129** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.654, 162.290**, and if you desaturate by 10%, it is **95, 4.318, 343.859**.

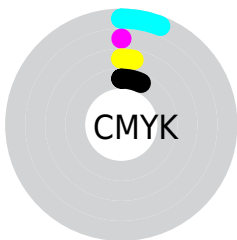
Distribution



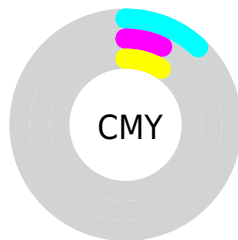
- Red (88%)
- Green (93%)
- Blue (91%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.159, 163.239 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, 6.159, 163.239 by changing the saturation by 10% instead.

 93, 6.159, 163.239

 93, 6.159, 163.239

 100, 6.159,
163.239

 83, 6.159, 163.239

 73, 6.159, 163.239

 63, 6.159, 163.239

 53, 6.159, 163.239

 43, 6.159, 163.239

 33, 6.159, 163.239

 23, 6.159, 163.239

 13, 6.159, 163.239

 3, 6.159, 163.239

93, 6.159, 163.239

93, 6.159, 163.239

91, 16.654,
162.290

95, 4.318, 343.859

89, 27.035,
161.283

96, 10.441,
324.775

88, 37.149,
160.159

87, 46.824,
158.891

86, 55.878,
157.454

85, 64.141,
155.821

84, 71.483,
153.977

84, 77.843,
151.917

■ 83, 83.254,
149.668

Harmonies

Complementary

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



93, 6.159, 163.239



91, 6.219, 344.056

Rectangle

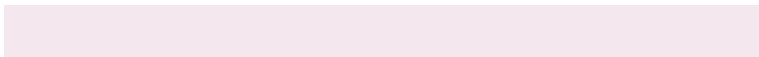
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



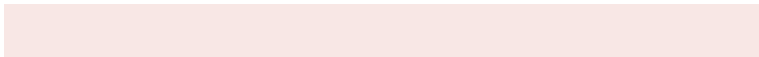
93, 6.159, 163.239



93, 6.159, 213.239



93, 6.159, 343.239



93, 6.159, 33.239

Sweetspot

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



93, 6.161, 163.232



100, 2.207, 163.700



93, 7.616, 128.239



53, 1.255, 163.720



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

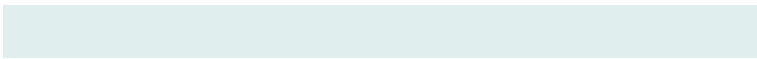
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 6.161, 163.232



99, 7.755, 163.122



93, 4.889, 197.794



49, 4.790, 163.069



66, 69.571, 149.148



20, 28.177, 152.923

Inverse Universe

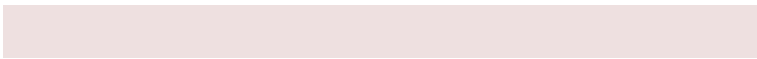
The Inverse Universe completely reimagines the original color for something new.



91, 6.219, 344.056



95, 7.835, 344.166



90, 5.068, 18.281



48, 4.842, 344.218



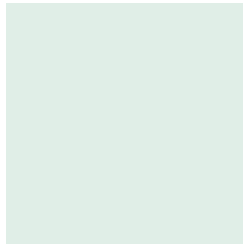
39, 66.221, 1.965



8, 29.446, 355.551

Previews

White Background



This preview shows how the CIELCh color 93, 6.159, 163.239 looks on a white background.

Color Contrast Check

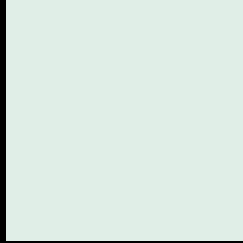
Large Text (above 18pt) WCAG AA × Fail

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, 6.159, 163.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

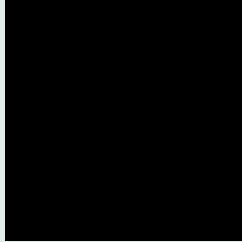
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

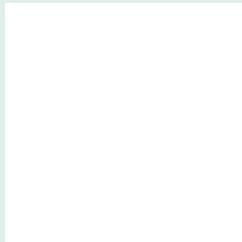
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.159, 163.239

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.159, 163.239.

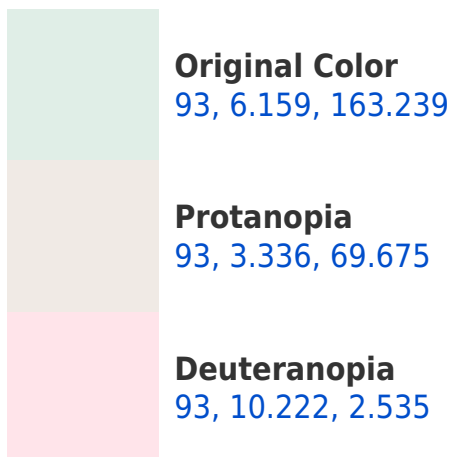


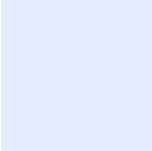
This preview shows how white text looks on a background with the CIELCh color 93, 6.159, 163.239.

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](#).

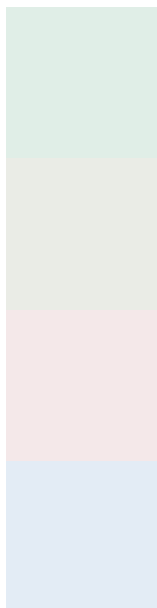
Dichromacy





Tritanopia
93, 9.548, 276.450

Trichromacy



Original Color
93, 6.159, 163.239

Protanomaly
93, 3.168, 122.934

Deuteranomaly
93, 4.335, 12.751

Tritanomaly
93, 5.542, 256.441

Monochromacy



Original Color
93, 6.159, 163.239

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.361, 158.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.159, 163.239 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(224, 238, 231)` looks like.

```
.text, #text, p{  
    color:rgb(224, 238, 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(224, 238, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 238, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.159, 163.239 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(224, 238, 231) }
```

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

```
.border{ border-color:rgb(224, 238, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 238, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 238, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 238, 231);  
box-shadow:4px 4px 4px 4px rgb(224, 238,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.159, 163.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 238, 231) }
```

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

```
.background{ background-color: rgb(224,  
238, 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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