

Converting Colors

CIE LCh(93, 7.012, 156.307)

Have a look what the booklet for
CIELCh(93, 7.012, 156.307) contains.

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Color

CIELCh(93, 6.834, 156.323)

Conversions

Conversions Part 1

Format	Color
Hex	E0EEE5
RGB	224, 238, 229
RGB Percent	88%, 93%, 90%
CMY	0.1200, 0.0651, 0.1004
CMYK	0.06, 0.00, 0.04, 0.07
HSL	141°, 30%, 91%
HSV	141°, 6%, 93%
XYZ	75.7480, 82.9670, 86.4369
YIQ	232.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

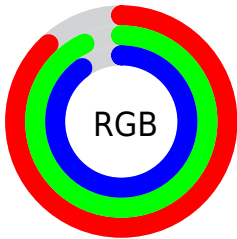
Format	Color
R_{YB}	224, 234, 238
Decimal	14741221
CIE Lab	93.00, -6.26, 2.74
CIE LCh	93, 6.834, 156.323
Yxy	82.9670, 0.3090, 0.3384
Android (android.graphics.Color)	4292931301 (0xFFE0EEE5)
YUV	232.7880, -1.8675, -7.7071
Hunter-Lab	91.0862, -10.9590, 7.4967

Details

The CIELCh color **93, 6.834, 156.323** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 6.875, 337.051**, 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, 6.544, 157.446** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.546, 155.478**, and if you desaturate by 10%, it is **95, 4.782, 336.884**.

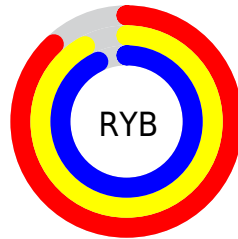
Distribution



Red (88%)

Green (93%)

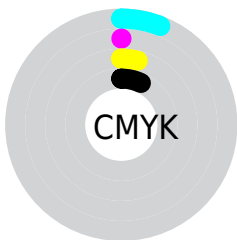
Blue (90%)



Red (88%)

Yellow (92%)

Blue (93%)

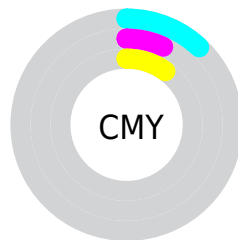


Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (7%)



Cyan (12%)

Magenta (7%)

Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.834, 156.323 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, 6.834, 156.323 by changing the saturation by 10% instead.

 93, 6.834, 156.323

 93, 6.834, 156.323

 100, 6.834,
156.323

 83, 6.834, 156.323

 73, 6.834, 156.323

 63, 6.834, 156.323

 53, 6.834, 156.323

 43, 6.834, 156.323

 33, 6.834, 156.323

 23, 6.834, 156.323

 13, 6.834, 156.323

 3, 6.834, 156.323

93, 6.834, 156.323

93, 6.834, 156.323

91, 18.546,
155.478

95, 4.782, 336.884

89, 30.214,
154.555

96, 10.352,
324.772

88, 41.672,
153.505

86, 52.723,
152.300

85, 63.152,
150.918

84, 72.747,
149.341

84, 81.326,
147.564

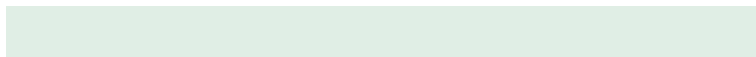
83, 88.766,
145.602

■ 83, 95.029,
143.508

Harmonies

Complementary

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



93, 6.834, 156.323



91, 6.875, 337.051

Rectangle

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



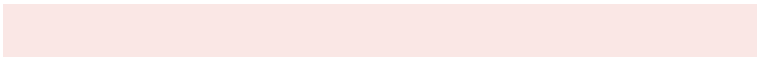
93, 6.834, 156.323



93, 6.834, 206.323



93, 6.834, 336.323



93, 6.834, 26.323

Sweetspot

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



93, 6.836, 156.319



100, 2.446, 156.719



94, 7.419, 123.368



53, 1.390, 156.736



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

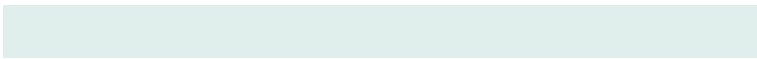
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 6.836, 156.319



98, 8.608, 156.222



93, 5.036, 186.759



49, 5.318, 156.175



65, 79.355, 143.042



20, 32.026, 146.617

Inverse Universe

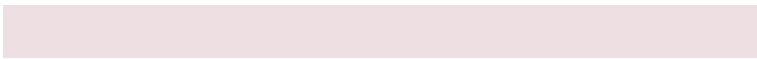
The Inverse Universe completely reimagines the original color for something new.



91, 6.875, 337.051



95, 8.658, 337.145



90, 5.176, 7.539



48, 5.350, 337.190



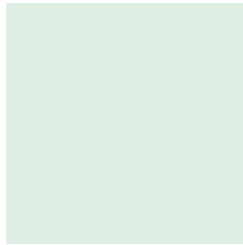
40, 69.746, 349.289



9, 31.341, 345.427

Previews

White Background



This preview shows how the CIELCh color 93, 6.834, 156.323 looks on a white background.

Color Contrast Check

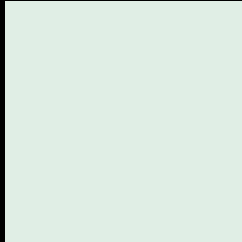
Large Text (above 18pt) WCAG AA × Fail

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, 6.834, 156.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

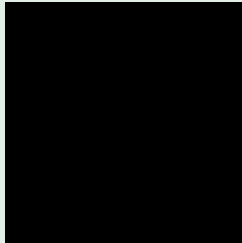
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

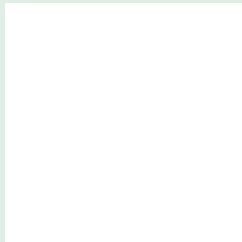
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.834, 156.323

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.834, 156.323.

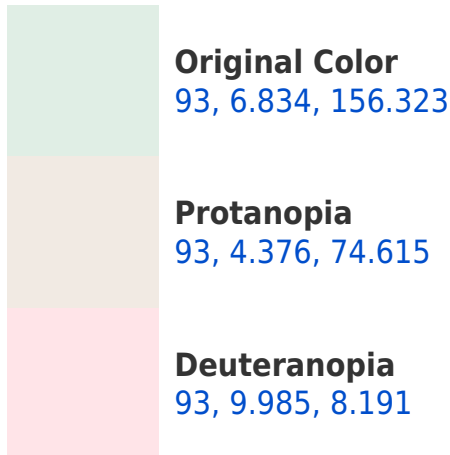


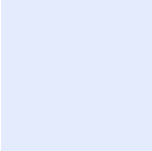
This preview shows how white text looks on a background with the CIELCh color 93, 6.834, 156.323.

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](#).

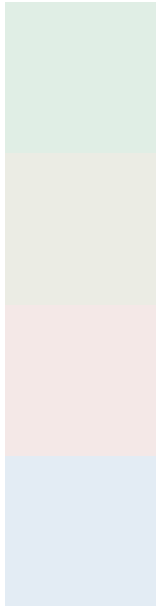
Dichromacy





Tritanopia
93, 9.548, 276.450

Trichromacy



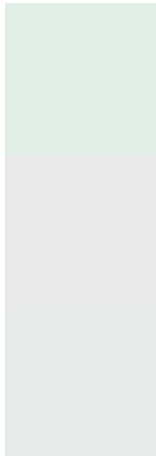
Original Color
93, 6.834, 156.323

Protanomaly
93, 4.126, 114.819

Deuteranomaly
93, 4.339, 26.359

Tritanomaly
93, 5.128, 253.122

Monochromacy



Original Color
93, 6.834, 156.323

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, 6.834, 156.323 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(224, 238, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 238, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.834, 156.323 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, 229) }
```

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

```
.border{ border-color:rgb(224, 238, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 238, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 238, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 238,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.834, 156.323 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, 229) }
```

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

```
.background{ background-color: rgb(224,  
238, 229) }
```

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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