

Converting Colors

CIELCh(93, 8.239, 156.733)

Have a look what the booklet for
CIELCh(93, 8.239, 156.733) contains.

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Color

CIELCh(93, 8.324, 156.037)

Conversions

Conversions Part 1

Format	Color
Hex	DEEFE4
RGB	222, 239, 228
RGB Percent	87%, 94%, 89%
CMY	0.1289, 0.0622, 0.1054
CMYK	0.07, 0.00, 0.05, 0.06
HSL	141°, 35%, 90%
HSV	141°, 7%, 94%
XYZ	75.0892, 82.9670, 85.5488
YIQ	232.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

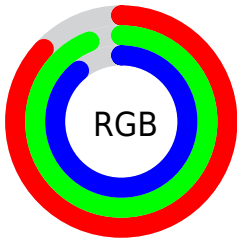
Format	Color
R _Y B	222, 235, 239
Decimal	14610404
CIE Lab	93.00, -7.61, 3.38
CIE LCh	93, 8.324, 156.037
Yxy	82.9670, 0.3082, 0.3406
Android (android.graphics.Color)	4292800484 (0xFFDEEFE4)
YUV	232.6630, -2.2989, -9.3515
Hunter-Lab	91.0862, -12.2500, 8.0748

Details

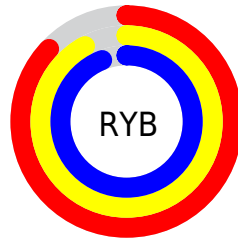
The CIELCh color **93, 8.324, 156.037** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 8.375, 336.968**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 8.110, 156.881** is the 20% darker color. If you saturate the color by 10%, you get **91, 20.106, 155.192**, and if you desaturate by 10%, it is **95, 3.374, 336.582**.

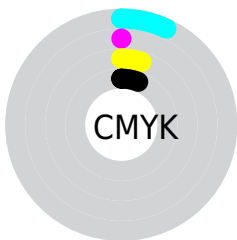
Distribution



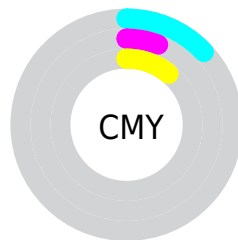
- Red (87%)
- Green (94%)
- Blue (89%)



- Red (87%)
- Yellow (92%)
- Blue (94%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.324, 156.037 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, 8.324, 156.037 by changing the saturation by 10% instead.

93, 8.324, 156.037

93, 8.324, 156.037

100, 8.324,
156.037

83, 8.324, 156.037

73, 8.324, 156.037

63, 8.324, 156.037

53, 8.324, 156.037

43, 8.324, 156.037

33, 8.324, 156.037

23, 8.324, 156.037

13, 8.324, 156.037

3, 8.324, 156.037

93, 8.324, 156.037

93, 8.324, 156.037

91, 20.106,
155.192

95, 3.374, 336.582

96, 9.892, 324.754

89, 31.826,
154.257

88, 43.313,
153.190

87, 54.366,
151.967

85, 64.768,
150.563

85, 74.305,
148.964

84, 82.799,
147.165

83, 90.133,
145.188

■ 83, 96.285,
143.096

Harmonies

Complementary

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



93, 8.324, 156.037



90, 8.375, 336.968

Rectangle

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



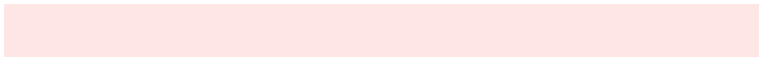
93, 8.324, 156.037



93, 8.324, 206.037



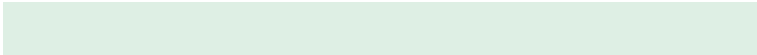
93, 8.324, 336.037



93, 8.324, 26.037

Sweetspot

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



93, 8.326, 156.034



100, 2.454, 156.536



94, 9.003, 123.301



53, 1.395, 156.552



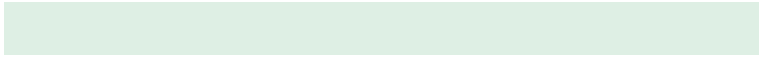
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

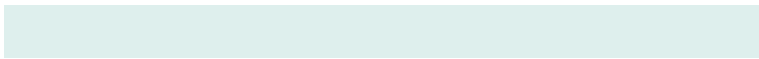
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 8.326, 156.034



98, 11.113, 155.875



93, 6.100, 186.634



49, 6.674, 155.838



65, 79.621, 142.893



20, 32.135, 146.458

Inverse Universe

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



90, 8.375, 336.968



94, 11.185, 337.120



90, 6.302, 7.674



47, 6.719, 337.156



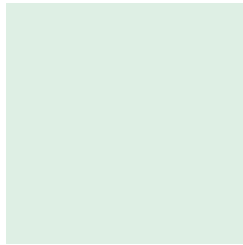
40, 69.904, 348.952



9, 31.411, 345.159

Previews

White Background



This preview shows how the CIE LCh color 93, 8.324, 156.037 looks on a white background.

Color Contrast Check

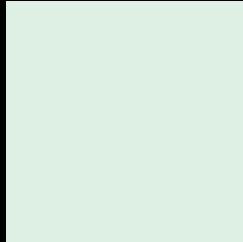
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 8.324, 156.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

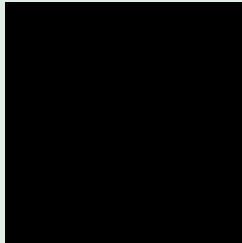
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

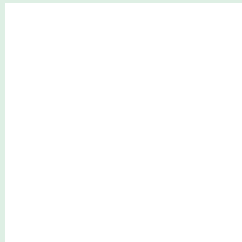
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.324, 156.037

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.324, 156.037.

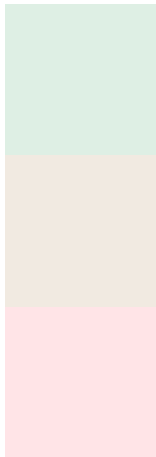


This preview shows how white text looks on a background with the CIELCh color 93, 8.324, 156.037.

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, 8.324, 156.037

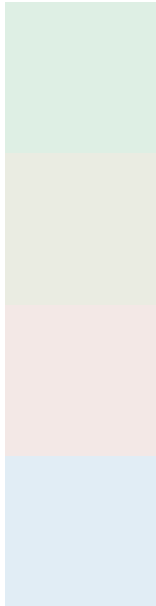
Protanopia
93, 5.256, 80.962

Deuteranopia
93, 9.905, 11.107



Tritanopia
93, 10.213, 273.555

Trichromacy



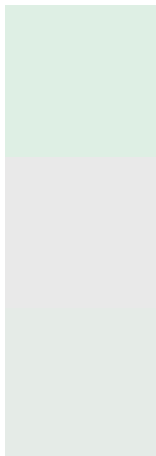
Original Color
93, 8.324, 156.037

Protanomaly
93, 5.194, 117.711

Deuteranomaly
93, 4.079, 34.118

Tritanomaly
93, 5.787, 244.888

Monochromacy



Original Color
93, 8.324, 156.037

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.977, 155.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.324, 156.037 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(222, 239, 228)` looks like.

```
.text, #text, p{  
    color:rgb(222, 239, 228)  
}
```

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(222, 239, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 239, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.324, 156.037 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(222, 239, 228) }
```

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

```
.border{ border-color:rgb(222, 239, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 239, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 239, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 239, 228); box-shadow:4px 4px 4px 4px rgb(222, 239, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.324, 156.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 239, 228) }
```

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

```
.background{ background-color: rgb(222,  
239, 228) }
```

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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