

Converting Colors

CIE LCh(93, 1.994, 132.259)

Have a look what the booklet for
CIELCh(93, 1.994, 132.259) contains.

CIELCh(93, 2.322, 137.318)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 2.322, 137.318)

Conversions

Conversions Part 1

Format	Color
Hex	E9ECE8
RGB	233, 236, 232
RGB Percent	91%, 93%, 91%
CMY	0.0871, 0.0753, 0.0910
CMYK	0.01, 0.00, 0.02, 0.08
HSL	105°, 9%, 92%
HSV	105°, 2%, 92%
XYZ	78.0013, 82.9670, 88.0859
YIQ	234.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

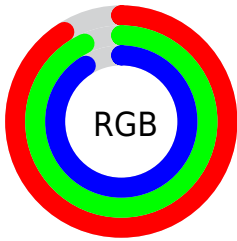
Format	Color
R _Y B	232, 236, 235
Decimal	15330536
CIE Lab	93.00, -1.71, 1.57
CIE LCh	93, 2.322, 137.318
Yxy	82.9670, 0.3132, 0.3331
Android (android.graphics.Color)	4293520616 (0xFFE9ECE8)
YUV	234.6470, -1.3050, -1.4444
Hunter-Lab	91.0862, -6.5433, 6.4233

Details

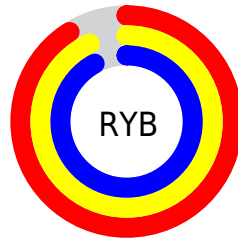
The CIELCh color **93, 2.322, 137.318** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 2.347, 317.282**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 2.446, 137.276** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.160, 136.788**, and if you desaturate by 10%, it is **95, 11.177, 318.044**.

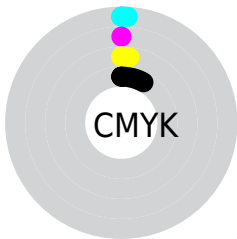
Distribution



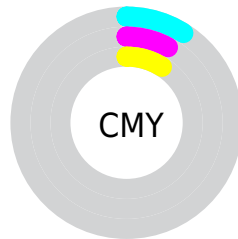
- Red (91%)
- Green (93%)
- Blue (91%)



- Red (91%)
- Yellow (93%)
- Blue (92%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.322, 137.318 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, 2.322, 137.318 by changing the saturation by 10% instead.

■ 93, 2.322, 137.318

■ 93, 2.322, 137.318

■ 100, 2.322,
137.318

■ 83, 2.322, 137.318

■ 73, 2.322, 137.318

■ 63, 2.322, 137.318

■ 53, 2.322, 137.318

■ 43, 2.322, 137.318

■ 33, 2.322, 137.318

■ 23, 2.322, 137.318

■ 13, 2.322, 137.318

■ 3, 2.322, 137.318

93, 2.322, 137.318

93, 2.322, 137.318

91, 16.160,
136.788

95, 11.177,
318.044

90, 30.060,
136.266

95, 11.988,
324.832

88, 43.874,
135.693

87, 57.399,
135.084

86, 70.351,
134.471

85, 82.341,
133.914

84, 92.860,
133.512

83, 101.305,
133.392

■ 83, 107.149,
133.673

Harmonies

Complementary

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



93, 2.322, 137.318



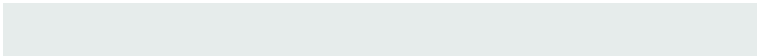
92, 2.347, 317.282

Rectangle

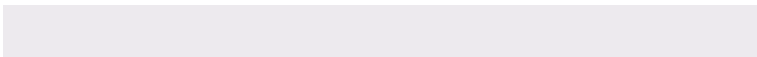
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



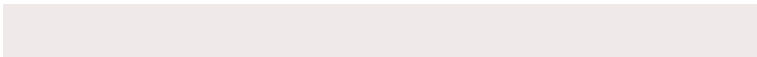
93, 2.322, 137.318



93, 2.322, 187.318



93, 2.322, 317.318



93, 2.322, 7.318

Sweetspot

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



93, 2.324, 137.327



100, 1.454, 137.422



93, 1.573, 96.900



53, 0.826, 137.433



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

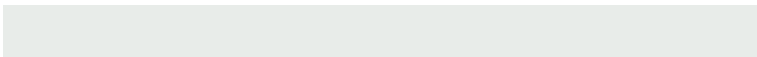
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 2.324, 137.327



100, 2.920, 137.299



93, 2.105, 152.404



49, 1.550, 137.308



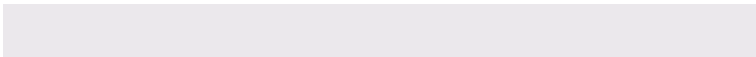
65, 90.139, 133.970



19, 36.174, 134.053

Inverse Universe

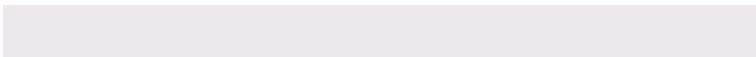
The Inverse Universe completely reimagines the original color for something new.



92, 2.347, 317.282



99, 2.945, 317.310



92, 2.124, 332.278



49, 1.564, 317.300



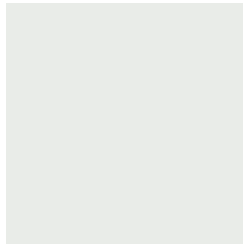
35, 91.774, 319.012



6, 38.592, 320.024

Previews

White Background



This preview shows how the CIE LCh color 93, 2.322, 137.318 looks on a white background.

Color Contrast Check

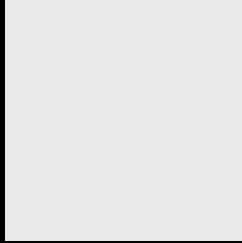
Large Text (above 18pt) WCAG AA × Fail

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, 2.322, 137.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

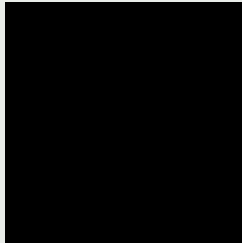
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

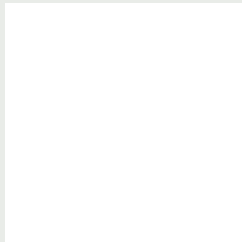
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.322, 137.318

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.322, 137.318.

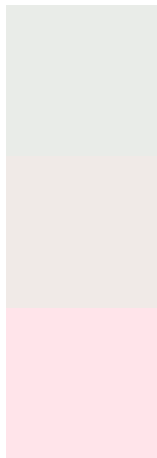


This preview shows how white text looks on a background with the CIELCh color 93, 2.322, 137.318.

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, 2.322, 137.318

Protanopia

93, 2.629, 55.187

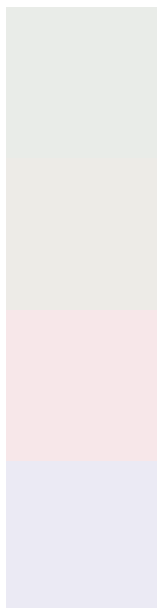
Deuteranopia

93, 10.222, 2.535



Tritanopia
93, 9.374, 297.245

Trichromacy



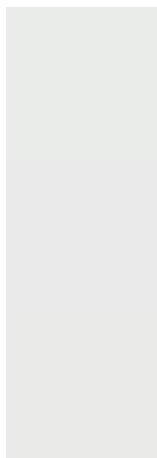
Original Color
93, 2.322, 137.318

Protanomaly
93, 2.163, 90.687

Deuteranomaly
93, 5.845, 9.579

Tritanomaly
93, 5.185, 294.454

Monochromacy



Original Color
93, 2.322, 137.318

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.084, 129.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.322, 137.318 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(233, 236, 232)` looks like.

```
.text, #text, p{  
    color:rgb(233, 236, 232)  
}
```

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(233, 236, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 236, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.322, 137.318 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(233, 236, 232) }
```

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

```
.border{ border-color:rgb(233, 236, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 236, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 236, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 236, 232);  
box-shadow:4px 4px 4px 4px rgb(233, 236,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.322, 137.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 236, 232) }
```

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

```
.background{ background-color: rgb(233,  
236, 232) }
```

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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