

Converting Colors

CIELCh(93, 6.736, 146.834)

Have a look what the booklet for
CIELCh(93, 6.736, 146.834) contains.

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Color

CIELCh(93, 6.502, 146.775)

Conversions

Conversions Part 1

Format	Color
Hex	E3EEE4
RGB	227, 238, 228
RGB Percent	89%, 93%, 89%
CMY	0.1104, 0.0672, 0.1064
CMYK	0.05, 0.00, 0.04, 0.07
HSL	125°, 24%, 91%
HSV	125°, 5%, 93%
XYZ	76.1505, 82.9670, 85.2962
YIQ	233.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

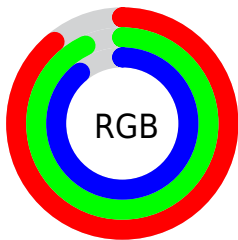
Format	Color
R _Y B	227, 237, 238
Decimal	14937828
CIE Lab	93.00, -5.44, 3.56
CIE LCh	93, 6.502, 146.775
Yxy	82.9670, 0.3116, 0.3395
Android (android.graphics.Color)	4293127908 (0xFFE3EEE4)
YUV	233.5710, -2.7465, -5.7628
Hunter-Lab	91.0862, -10.1702, 8.2392

Details

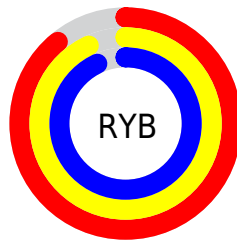
The CIELCh color **93, 6.502, 146.775** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 6.525, 327.216**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.181, 146.993** is the 20% darker color. If you saturate the color by 10%, you get **91, 20.712, 146.077**, and if you desaturate by 10%, it is **95, 7.509, 327.248**.

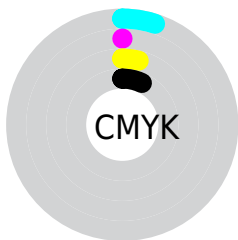
Distribution



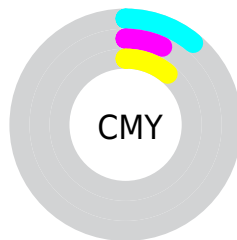
- Red (89%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.502, 146.775 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, 6.502, 146.775 by changing the saturation by 10% instead.

93, 6.502, 146.775

93, 6.502, 146.775

100, 6.502,
146.775

83, 6.502, 146.775

73, 6.502, 146.775

63, 6.502, 146.775

53, 6.502, 146.775

43, 6.502, 146.775

33, 6.502, 146.775

23, 6.502, 146.775

13, 6.502, 146.775

3, 6.502, 146.775

93, 6.502, 146.775

93, 6.502, 146.775

91, 20.712,
146.077

95, 7.509, 327.248

89, 34.951,
145.292

96, 10.688,
324.784

87, 49.003,
144.382

86, 62.584,
143.332

85, 75.352,
142.145

84, 86.910,
140.845

83, 96.824,
139.494

83, 104.651,
138.194

■ 83,110.022,
137.084

Harmonies

Complementary

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



93, 6.502, 146.775



91, 6.525, 327.216

Rectangle

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



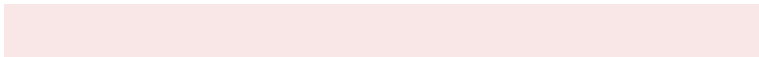
93, 6.502, 146.775



93, 6.502, 196.775



93, 6.502, 326.775



93, 6.502, 16.775

Sweetspot

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



93, 6.504, 146.774



100, 1.475, 147.168



94, 5.656, 113.064



53, 0.838, 147.183



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

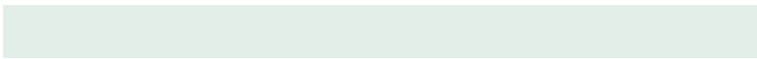
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 6.504, 146.774



99, 8.939, 146.677



93, 4.568, 168.104



49, 5.639, 146.635



65, 91.803, 136.809



19, 37.890, 139.457

Inverse Universe

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



91, 6.525, 327.216



96, 8.962, 327.307



91, 4.618, 348.701



48, 5.652, 327.346



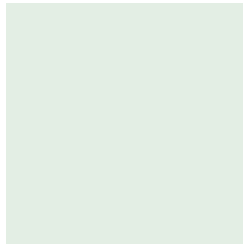
43, 84.084, 332.215



10, 37.071, 331.613

Previews

White Background



This preview shows how the CIELCh color 93, 6.502, 146.775 looks on a white background.

Color Contrast Check

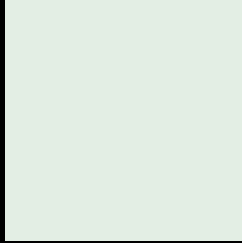
Large Text (above 18pt) WCAG AA × Fail

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, 6.502, 146.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

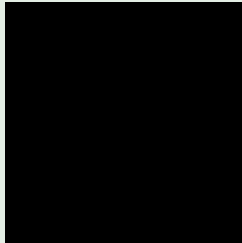
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

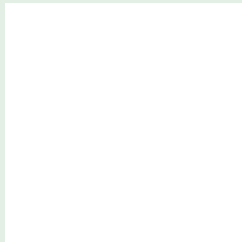
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.502, 146.775

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.502, 146.775.

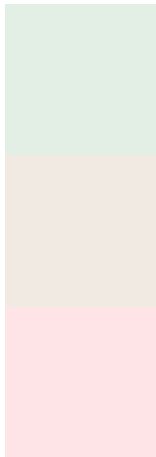


This preview shows how white text looks on a background with the CIELCh color 93, 6.502, 146.775.

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, 6.502, 146.775

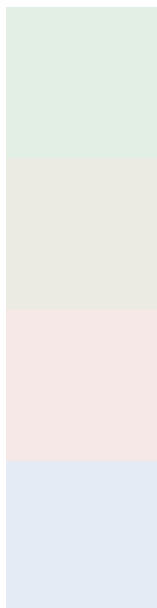
Protanopia
93, 4.809, 78.083

Deuteranopia
93, 9.905, 11.107



Tritanopia
93, 9.848, 284.981

Trichromacy



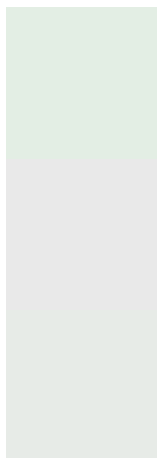
Original Color
93, 6.502, 146.775

Protanomaly
93, 4.121, 104.830

Deuteranomaly
93, 4.787, 31.985

Tritanomaly
93, 5.061, 266.291

Monochromacy



Original Color
93, 6.502, 146.775

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.511, 144.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.502, 146.775 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(227, 238, 228)` looks like.

```
.text, #text, p{  
    color:rgb(227, 238, 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(227, 238, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 238, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.502, 146.775 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(227, 238, 228) }
```

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

```
.border{ border-color:rgb(227, 238, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 238, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 238, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 238, 228);  
box-shadow:4px 4px 4px 4px rgb(227, 238,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.502, 146.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 238, 228) }
```

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

```
.background{ background-color: rgb(227,  
238, 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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