

Converting Colors

CIELCh(93, 17.666, 136.737)

Have a look what the booklet for
CIELCh(93, 17.666, 136.737)
contains.

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Color

CIELCh(93, 18.038, 136.477)

Conversions

Conversions Part 1

Format	Color
Hex	DBF2D3
RGB	219, 242, 211
RGB Percent	86%, 95%, 83%
CMY	0.1426, 0.0524, 0.1740
CMYK	0.10, 0.00, 0.13, 0.05
HSL	105°, 54%, 89%
HSV	105°, 13%, 95%
XYZ	72.4535, 82.9670, 73.5817
YIQ	231.5890, -3.7570, -14.5170

Conversions

Conversions Part 2

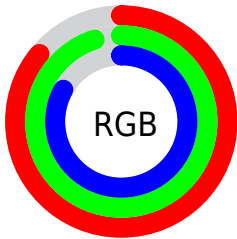
Format	Color
R _Y B	211, 242, 234
Decimal	14414547
CIE Lab	93.00, -13.08, 12.42
CIE LCh	93, 18.038, 136.477
Yxy	82.9670, 0.3164, 0.3623
Android (android.graphics.Color)	4292604627 (0xFFDBF2D3)
YUV	231.5890, -10.1504, -11.0406
Hunter-Lab	91.0862, -17.4152, 15.8644

Details

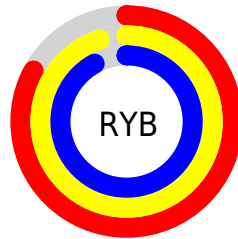
The CIELCh color **93, 18.038, 136.477** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 18.198, 317.587**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 18.312, 136.060** is the 20% darker color. If you saturate the color by 10%, you get **91, 32.180, 135.954**, and if you desaturate by 10%, it is **95, 3.949, 136.984**.

Distribution



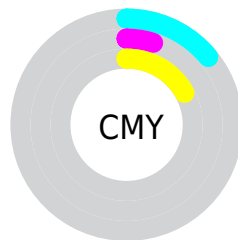
- Red (86%)
- Green (95%)
- Blue (83%)



- Red (83%)
- Yellow (95%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (14%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 18.038, 136.477 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, 18.038, 136.477 by changing the saturation by 10% instead.

93, 18.038,
136.477

93, 18.038,
136.477

100, 18.038,
136.477

83, 18.038,
136.477

73, 18.038,
136.477

63, 18.038,
136.477

53, 18.038,
136.477

43, 18.038,
136.477

33, 18.038,
136.477

23, 18.038,

136.477

■ 13, 18.038,
136.477

■ 3, 18.038, 136.477

■ 93, 18.038,
136.477

■ 93, 18.038,
136.477

■ 91, 32.180,
135.954

■ 95, 3.949, 136.984

■ 90, 46.213,
135.382

■ 97, 8.233, 323.657

■ 97, 8.333, 324.694

■ 88, 59.922,
134.778

■ 87, 73.011,
134.178

■ 86, 85.070,
133.648

■ 86, 95.566,
133.291

■ 85, 103.878,
133.237

■ 84, 109.502,
133.598

■ 84, 112.024,
134.049

Harmonies

Complementary

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



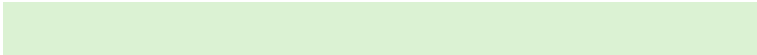
93, 18.038, 136.477



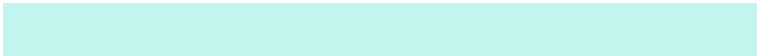
87, 18.198, 317.587

Rectangle

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



93, 18.038, 136.477



93, 18.038, 186.477



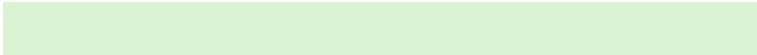
93, 18.038, 316.477



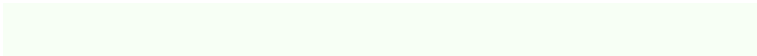
93, 18.038, 6.477

Sweetspot

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



93, 18.040, 136.478



99, 5.845, 136.916



93, 12.071, 94.529



53, 4.157, 136.876



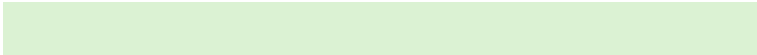
0, 0.000, 0.000



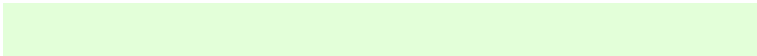
53, 0.007, 296.813

Same Dimension

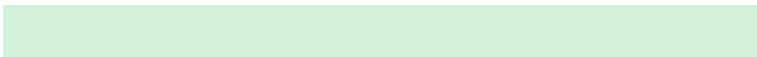
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 18.040, 136.478



97, 22.056, 136.366



93, 16.594, 150.860



49, 7.927, 136.644



66, 90.948, 133.855



20, 37.564, 133.570

Inverse Universe

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



87, 18.198, 317.587



90, 22.275, 317.686



88, 16.662, 332.532



47, 7.983, 317.436



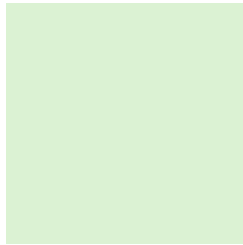
35, 92.866, 318.728



7, 40.091, 319.838

Previews

White Background



This preview shows how the CIELCh color 93, 18.038, 136.477 looks on a white background.

Color Contrast Check

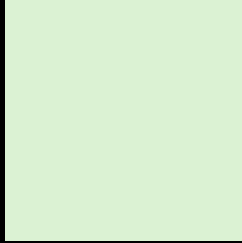
Large Text (above 18pt) WCAG AA × Fail

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, 18.038, 136.477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

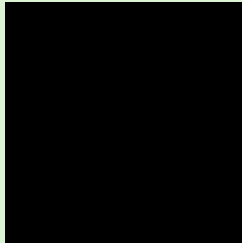
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

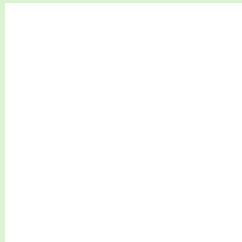
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 18.038, 136.477

Background



This preview shows how black text looks on a background with the CIELCh color 93, 18.038, 136.477.

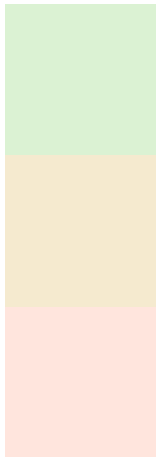


This preview shows how white text looks on a background with the CIELCh color 93, 18.038, 136.477.

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, 18.038, 136.477

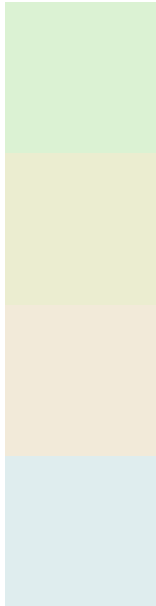
Protanopia
93, 14.459, 92.545

Deuteranopia
93, 10.422, 43.126



Tritanopia
93, 10.311, 271.762

Trichromacy



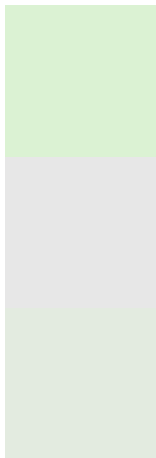
Original Color
93, 18.038, 136.477

Protanomaly
93, 14.901, 111.836

Deuteranomaly
93, 9.204, 90.864

Tritanomaly
93, 4.895, 205.273

Monochromacy



Original Color
93, 18.038, 136.477

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.378, 136.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 18.038, 136.477 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(219, 242, 211)` looks like.

```
.text, #text, p{  
    color:rgb(219, 242, 211)  
}
```

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(219, 242, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 242, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 18.038, 136.477 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(219, 242, 211) }
```

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

```
.border{ border-color:rgb(219, 242, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 242, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 242, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 242, 211);  
box-shadow:4px 4px 4px 4px rgb(219, 242,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 18.038, 136.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 242, 211) }
```

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

```
.background{ background-color: rgb(219,  
242, 211) }
```

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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