

Converting Colors

CIELCh(93, 16.149, 138.791)

Have a look what the booklet for
CIELCh(93, 16.149, 138.791)
contains.

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Color

CIELCh(93, 16.061, 138.732)

Conversions

Conversions Part 1

Format	Color
Hex	DBF1D6
RGB	219, 241, 214
RGB Percent	86%, 95%, 84%
CMY	0.1405, 0.0542, 0.1601
CMYK	0.09, 0.00, 0.11, 0.05
HSL	109°, 49%, 89%
HSV	109°, 11%, 95%
XYZ	72.9339, 82.9670, 75.9052
YIQ	231.3440, -4.4450, -13.0610

Conversions

Conversions Part 2

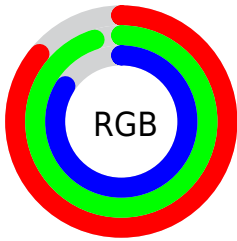
Format	Color
R_{YB}	214, 241, 236
Decimal	14414294
CIE _{Lab}	93.00, -12.07, 10.59
CIE _{LCh}	93, 16.061, 138.732
Yxy	82.9670, 0.3146, 0.3579
Android (android.graphics.Color)	4292604374 (0xFFDBF1D6)
YUV	231.3440, -8.5506, -10.8257
Hunter-Lab	91.0862, -16.4737, 14.3520

Details

The CIELCh color **93, 16.061, 138.732** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 16.156, 319.742**, 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, 16.237, 138.384** is the 20% darker color. If you saturate the color by 10%, you get **91, 30.512, 138.173**, and if you desaturate by 10%, it is **95, 1.699, 139.344**.

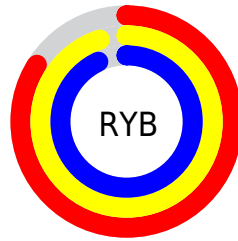
Distribution



Red (86%)

Green (95%)

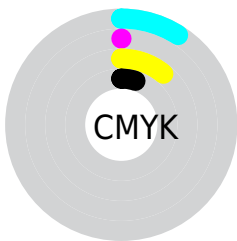
Blue (84%)



Red (84%)

Yellow (95%)

Blue (93%)

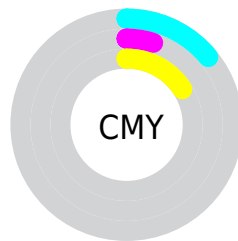


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (14%)


Magenta (5%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 16.061, 138.732 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, 16.061, 138.732 by changing the saturation by 10% instead.


 93, 16.061,
138.732


 93, 16.061,
138.732


 100, 16.061,
138.732


 83, 16.061,
138.732

 73, 16.061,
138.732

 63, 16.061,
138.732

 53, 16.061,
138.732

 43, 16.061,
138.732

 33, 16.061,
138.732

 23, 16.061,

138.732

■ 13, 16.061,
138.732

■ 3, 16.061, 138.732

■ 93, 16.061,
138.732

■ 93, 16.061,
138.732

■ 91, 30.512,
138.173

■ 95, 1.699, 139.344

■ 90, 44.879,
137.549

■ 97, 8.611, 324.705

■ 88, 58.939,
136.867

■ 87, 72.383,
136.157

■ 86, 84.796,
135.473

■ 85, 95.644,
134.911

■ 84, 104.298,
134.597

■ 84, 110.209,
134.654

■ 84, 113.210,
134.967

Harmonies

Complementary

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



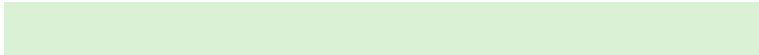
93, 16.061, 138.732



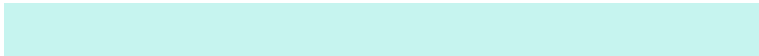
88, 16.156, 319.742

Rectangle

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



93, 16.061, 138.732



93, 16.061, 188.732



93, 16.061, 318.732



93, 16.061, 8.732

Sweetspot

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



93, 16.063, 138.733



99, 4.473, 139.175



93, 11.259, 99.107



53, 3.394, 139.126



0, 0.000, 0.000



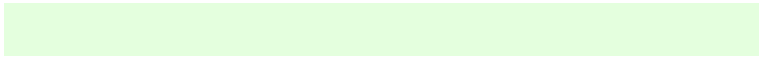
53, 0.007, 296.813

Same Dimension

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



93, 16.063, 138.733



97, 19.528, 138.635



93, 13.759, 153.512



49, 8.102, 138.824



65, 92.085, 134.818



20, 38.170, 134.887

Inverse Universe

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



88, 16.156, 319.742



91, 19.651, 319.828



88, 13.836, 335.032



47, 8.145, 319.661



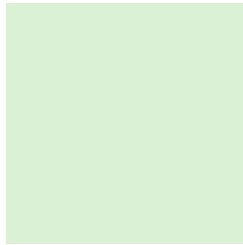
38, 91.822, 321.232



8, 39.938, 322.152

Previews

White Background



This preview shows how the CIELCh color 93, 16.061, 138.732 looks on a white background.

Color Contrast Check

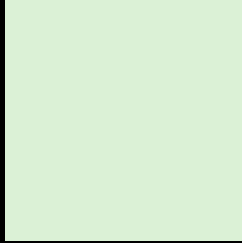
Large Text (above 18pt) WCAG AA × Fail

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, 16.061, 138.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

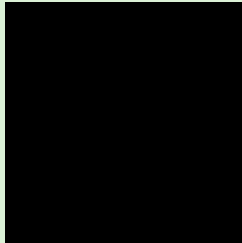
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

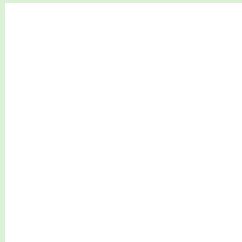
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 16.061, 138.732

Background



This preview shows how black text looks on a background with the CIELCh color 93, 16.061, 138.732.

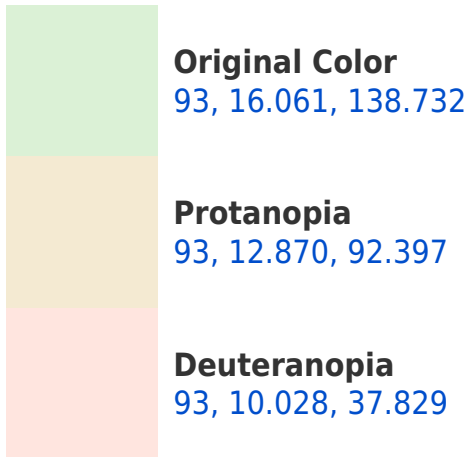


This preview shows how white text looks on a background with the CIELCh color 93, 16.061, 138.732.

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](#).

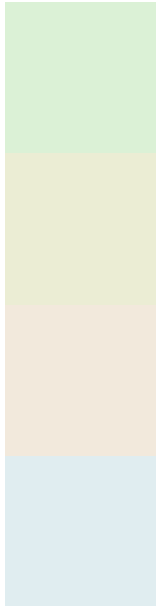
Dichromacy





Tritanopia
93, 10.213, 273.555

Trichromacy



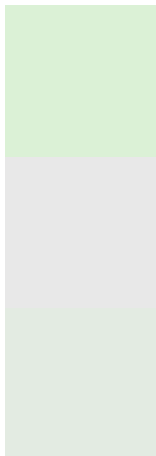
Original Color
93, 16.061, 138.732

Protanomaly
93, 12.857, 112.433

Deuteranomaly
93, 7.434, 83.379

Tritanomaly
93, 4.749, 218.307

Monochromacy



Original Color
93, 16.061, 138.732

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.474, 141.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 16.061, 138.732 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, 241, 214)` looks like.

```
.text, #text, p{  
    color:rgb(219, 241, 214)  
}
```

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, 241, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 241, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 16.061, 138.732 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, 241, 214) }
```

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

```
.border{ border-color:rgb(219, 241, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 241, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 241, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 241, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 241,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 16.061, 138.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 241, 214) }
```

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

```
.background{ background-color: rgb(219,  
241, 214) }
```

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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