

Converting Colors

CIELCh(93, 9.971, 162.253)

Have a look what the booklet for
CIELCh(93, 9.971, 162.253) contains.

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Color

CIELCh(93, 9.671, 162.928)

Conversions

Conversions Part 1

Format	Color
Hex	DAF0E5
RGB	218, 240, 229
RGB Percent	85%, 94%, 90%
CMY	0.1447, 0.0584, 0.1015
CMYK	0.09, 0.00, 0.05, 0.06
HSL	150°, 42%, 90%
HSV	150°, 9%, 94%
XYZ	74.2936, 82.9670, 86.3043
YIQ	232.1680, -9.5810, -8.0850

Conversions

Conversions Part 2

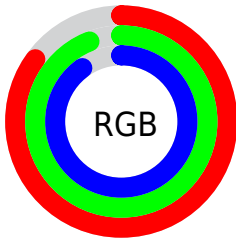
Format	Color
R _Y B	218, 233, 240
Decimal	14348517
CIE Lab	93.00, -9.24, 2.84
CIE LCh	93, 9.671, 162.928
Yxy	82.9670, 0.3050, 0.3406
Android (android.graphics.Color)	4292538597 (0xFFDAF0E5)
YUV	232.1680, -1.5618, -12.4253
Hunter-Lab	91.0862, -13.8092, 7.5831

Details

The CIELCh color **93, 9.671, 162.928** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 9.795, 344.369**, 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, 9.539, 164.024** is the 20% darker color. If you saturate the color by 10%, you get **91, 20.210, 161.972**, and if you desaturate by 10%, it is **95, 0.888, 343.187**.

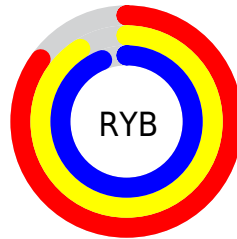
Distribution



Red (85%)

Green (94%)

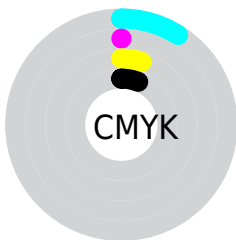
Blue (90%)



Red (85%)

Yellow (91%)

Blue (94%)

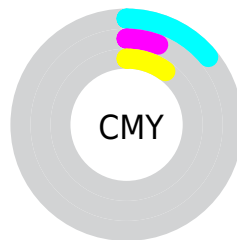


Cyan (9%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.671, 162.928 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, 9.671, 162.928 by changing the saturation by 10% instead.

■ 93, 9.671, 162.928

■ 93, 9.671, 162.928

■ 100, 9.671,
162.928

■ 83, 9.671, 162.928

■ 73, 9.671, 162.928

■ 63, 9.671, 162.928

■ 53, 9.671, 162.928

■ 43, 9.671, 162.928

■ 33, 9.671, 162.928

■ 23, 9.671, 162.928

■ 13, 9.671, 162.928

■ 3, 9.671, 162.928

93, 9.671, 162.928

93, 9.671, 162.928

91, 20.210,
161.972

95, 0.888, 343.187

90, 30.585,
160.929

96, 8.509, 328.383

96, 9.281, 324.731

88, 40.637,
159.760

87, 50.186,
158.439

86, 59.051,
156.938

85, 67.070,
155.237

85, 74.133,
153.319

84, 80.206,
151.191

■ 84, 85.400,
148.913

Harmonies

Complementary

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



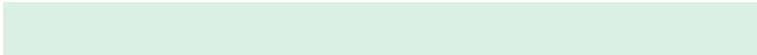
93, 9.671, 162.928



89, 9.795, 344.369

Rectangle

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



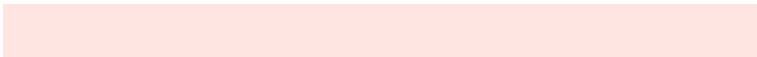
93, 9.671, 162.928



93, 9.671, 212.928



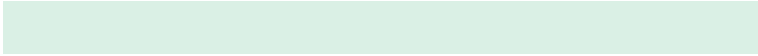
93, 9.671, 342.928



93, 9.671, 32.928

Sweetspot

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



93, 9.673, 162.924



99, 3.316, 163.546



94, 11.961, 128.082



53, 2.516, 163.449



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

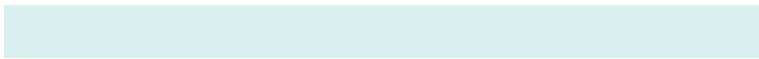
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.673, 162.924



98, 12.193, 162.749



93, 7.610, 197.556



49, 5.989, 162.895



66, 69.567, 149.151



20, 28.175, 152.925

Inverse Universe

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



89, 9.795, 344.369



93, 12.372, 344.543



89, 8.052, 18.564



47, 6.067, 344.398



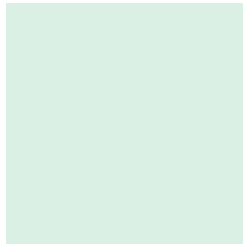
39, 66.220, 1.970



8, 29.445, 355.555

Previews

White Background



This preview shows how the CIELCh color 93, 9.671, 162.928 looks on a white background.

Color Contrast Check

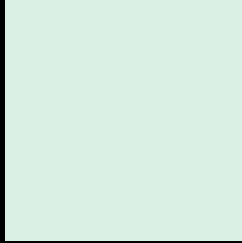
Large Text (above 18pt) WCAG AA × Fail

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, 9.671, 162.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

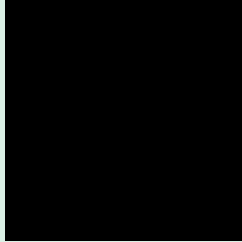
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

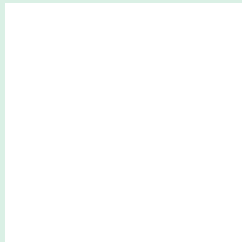
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.671, 162.928

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.671, 162.928.

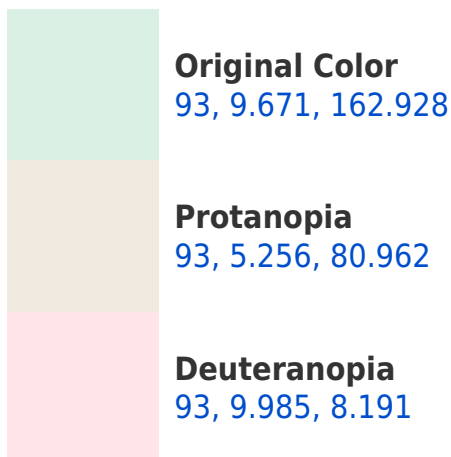


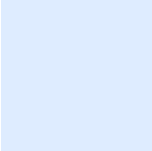
This preview shows how white text looks on a background with the CIELCh color 93, 9.671, 162.928.

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](#).

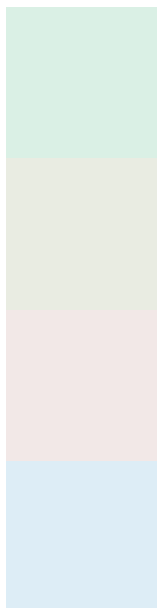
Dichromacy





Tritanopia
93, 10.786, 264.987

Trichromacy



Original Color
93, 9.671, 162.928

Protanomaly
93, 5.261, 121.572

Deuteranomaly
93, 3.620, 27.647

Tritanomaly
93, 7.110, 240.098

Monochromacy



Original Color
93, 9.671, 162.928

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.523, 163.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.671, 162.928 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(218, 240, 229)` looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 229)  
}
```

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(218, 240, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.671, 162.928 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(218, 240, 229) }
```

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

```
.border{ border-color:rgb(218, 240, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 240, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 229);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.671, 162.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 229) }
```

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

```
.background{ background-color: rgb(218,  
240, 229) }
```

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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