

Converting Colors

CIELCh(93, 9.075, 162.980)

Have a look what the booklet for
CIELCh(93, 9.075, 162.980) contains.

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Color

CIELCh(93, 9.392, 161.719)

Conversions

Conversions Part 1

Format	Color
Hex	DBF0E5
RGB	219, 240, 229
RGB Percent	86%, 94%, 90%
CMY	0.1415, 0.0591, 0.1023
CMYK	0.09, 0.00, 0.05, 0.06
HSL	149°, 41%, 90%
HSV	149°, 9%, 94%
XYZ	74.4519, 82.9670, 86.1548
YIQ	232.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

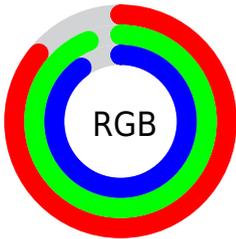
Format	Color
R _Y B	219, 233, 240
Decimal	14414053
CIE Lab	93.00, -8.92, 2.95
CIE LCh	93, 9.392, 161.719
Yxy	82.9670, 0.3057, 0.3406
Android (android.graphics.Color)	4292604133 (0xFFDBF0E5)
YUV	232.4670, -1.7092, -11.8106
Hunter-Lab	91.0862, -13.4990, 7.6803

Details

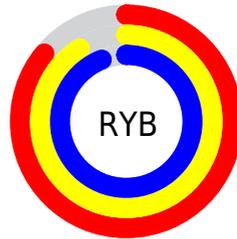
The CIELCh color **93, 9.392, 161.719** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 9.497, 343.057**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.243, 162.786** is the 20% darker color. If you saturate the color by 10%, you get **91, 20.125, 160.781**, and if you desaturate by 10%, it is **95, 1.342, 342.143**.

Distribution



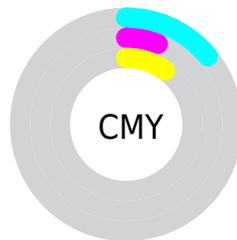
- Red (86%)
- Green (94%)
- Blue (90%)



- Red (86%)
- 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, 9.392, 161.719 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, 9.392, 161.719 by changing the saturation by 10% instead.

93, 9.392, 161.719

93, 9.392, 161.719

100, 9.392,
161.719

83, 9.392, 161.719

73, 9.392, 161.719

63, 9.392, 161.719

53, 9.392, 161.719

43, 9.392, 161.719

33, 9.392, 161.719

23, 9.392, 161.719

13, 9.392, 161.719

3, 9.392, 161.719

93, 9.392, 161.719

93, 9.392, 161.719

91, 20.125,
160.781

95, 1.342, 342.143

90, 30.714,
159.755

96, 9.008, 326.475

96, 9.402, 324.736

88, 40.998,
158.602

87, 50.795,
157.295

86, 59.919,
155.809

85, 68.200,
154.120

84, 75.520,
152.217

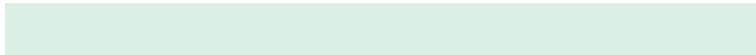
84, 81.832,
150.105

 84, 87.225,
147.843

Harmonies

Complementary

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



93, 9.392, 161.719



89, 9.497, 343.057

Rectangle

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



93, 9.392, 161.719



93, 9.392, 211.719



93, 9.392, 341.719



93, 9.392, 31.719

Sweetspot

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



93, 9.394, 161.715



99, 3.372, 162.287



94, 11.375, 127.506



53, 2.558, 162.191



0, 0.000, 0.000



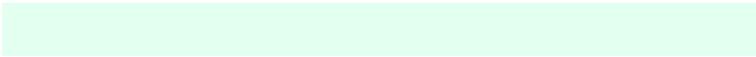
53, 0.007, 296.813

Same Dimension

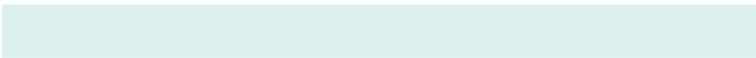
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.394, 161.715



98, 12.407, 161.506



93, 7.287, 196.161



49, 6.094, 161.649



66, 71.266, 147.987



20, 28.825, 151.750

Inverse Universe

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



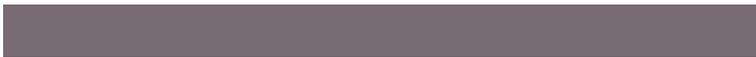
89, 9.497, 343.057



93, 12.570, 343.264



89, 7.677, 17.177



47, 6.165, 343.122



40, 66.531, 359.728



8, 29.683, 353.746

Previews

White Background



This preview shows how the CIELCh color 93, 9.392, 161.719 looks on a white background.

Color Contrast Check

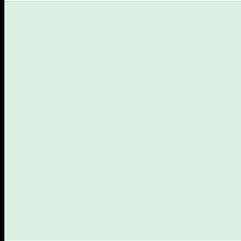
Large Text (above 18pt) WCAG AA × Fail

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, 9.392, 161.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

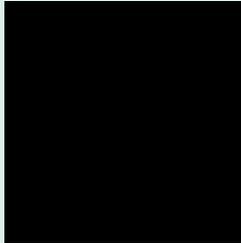
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

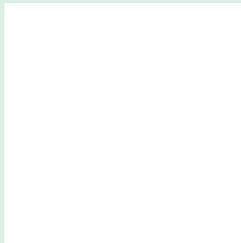
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.392, 161.719

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.392, 161.719.

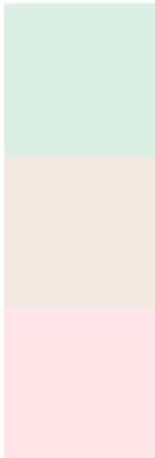


This preview shows how white text looks on a background with the CIELCh color 93, 9.392, 161.719.

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](#).

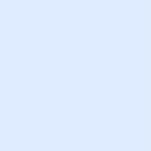
Dichromacy



Original Color
93, 9.392, 161.719

Protanopia
93, 5.256, 80.962

Deuteranopia
93, 9.985, 8.191



Tritanopia
93, 10.652, 266.616

Trichromacy



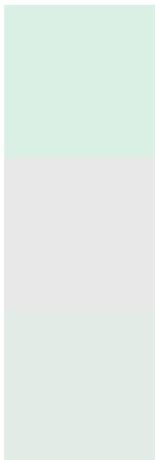
Original Color
93, 9.392, 161.719

Protanomaly
93, 5.261, 121.572

Deuteranomaly
93, 3.620, 27.647

Tritanomaly
93, 6.859, 241.950

Monochromacy



Original Color
93, 9.392, 161.719

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, 9.392, 161.719 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, 240, 229)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 240, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.392, 161.719 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, 240, 229) }
```

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

```
.border{ border-color:rgb(219, 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(219, 240, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 229);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.392, 161.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 229) }
```

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

```
.background{ background-color: rgb(219,  
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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