

Converting Colors

CIELCh(93, 9.041, 171.413)

Have a look what the booklet for
CIELCh(93, 9.041, 171.413) contains.

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Color

CIELCh(93, 9.108, 171.908)

Conversions

Conversions Part 1

Format	Color
Hex	D9F0E8
RGB	217, 240, 232
RGB Percent	85%, 94%, 91%
CMY	0.1487, 0.0585, 0.0899
CMYK	0.10, 0.00, 0.03, 0.06
HSL	159°, 44%, 90%
HSV	159°, 10%, 94%
XYZ	74.4038, 82.9670, 88.5007
YIQ	232.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

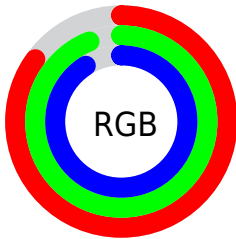
Format	Color
R _{YB}	217, 231, 240
Decimal	14282984
CIE Lab	93.00, -9.02, 1.28
CIE LCh	93, 9.108, 171.908
Yxy	82.9670, 0.3026, 0.3374
Android (android.graphics.Color)	4292473064 (0xFFD9F0E8)
YUV	232.2110, -0.1040, -13.3400
Hunter-Lab	91.0862, -13.5933, 6.1533

Details

The CIELCh color **93, 9.108, 171.908** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 9.327, 353.574**, 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, 9.241, 170.665** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.484, 170.879**, and if you desaturate by 10%, it is **95, 0.405, 351.456**.

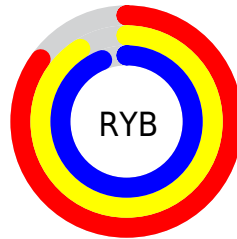
Distribution



Red (85%)

Green (94%)

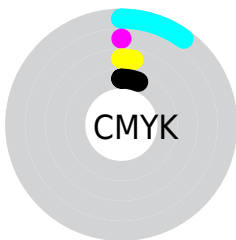
Blue (91%)



Red (85%)

Yellow (91%)

Blue (94%)

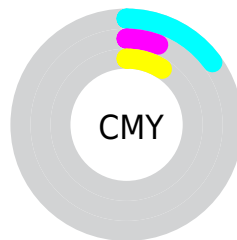


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.108, 171.908 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, 9.108, 171.908 by changing the saturation by 10% instead.

■ 93, 9.108, 171.908

■ 93, 9.108, 171.908

■ 100, 9.108,
171.908

■ 83, 9.108, 171.908

■ 73, 9.108, 171.908

■ 63, 9.108, 171.908

■ 53, 9.108, 171.908

■ 43, 9.108, 171.908

■ 33, 9.108, 171.908

■ 23, 9.108, 171.908

■ 13, 9.108, 171.908

■ 3, 9.108, 171.908

93, 9.108, 171.908

93, 9.108, 171.908

91, 18.484,
170.879

95, 0.405, 351.456

90, 27.583,
169.788

96, 6.926, 339.782

96, 9.293, 324.732

88, 36.254,
168.592

87, 44.334,
167.266

86, 51.667,
165.785

86, 58.125,
164.123

85, 63.634,
162.258

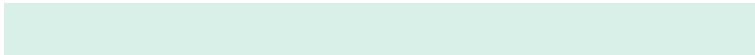
85, 68.198,
160.182

■ 84, 71.977,
157.942

Harmonies

Complementary

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



93, 9.108, 171.908



89, 9.327, 353.574

Rectangle

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



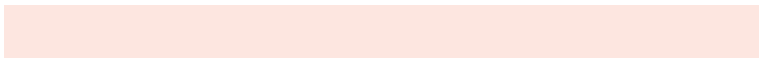
93, 9.108, 171.908



93, 9.108, 221.908



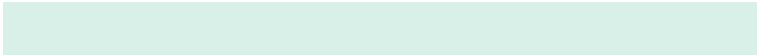
93, 9.108, 351.908



93, 9.108, 41.908

Sweetspot

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



93, 9.110, 171.901



99, 2.998, 172.638



93, 13.041, 133.737



53, 2.273, 172.526



0, 0.000, 0.000



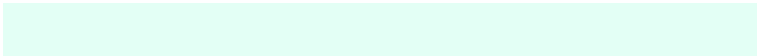
53, 0.007, 296.813

Same Dimension

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



93, 9.110, 171.901



98, 10.973, 171.754



92, 6.940, 213.987



49, 5.395, 171.912



66, 58.564, 158.267



20, 24.078, 161.898

Inverse Universe

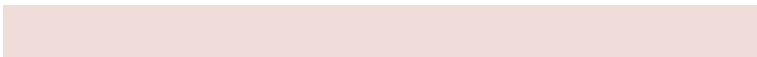
The Inverse Universe completely reimagines the original color for something new.



89, 9.327, 353.574



93, 11.272, 353.728



89, 7.384, 33.808



47, 5.522, 353.562



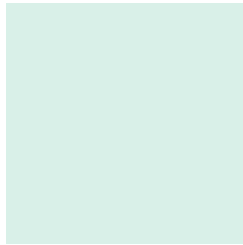
39, 67.163, 16.643



8, 28.758, 7.216

Previews

White Background



This preview shows how the CIE LCh color 93, 9.108, 171.908 looks on a white background.

Color Contrast Check

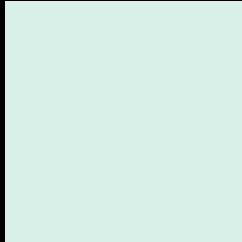
Large Text (above 18pt) WCAG AA × Fail

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, 9.108, 171.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

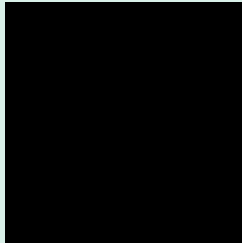
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

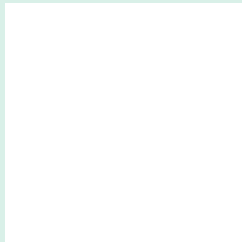
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.108, 171.908

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.108, 171.908.

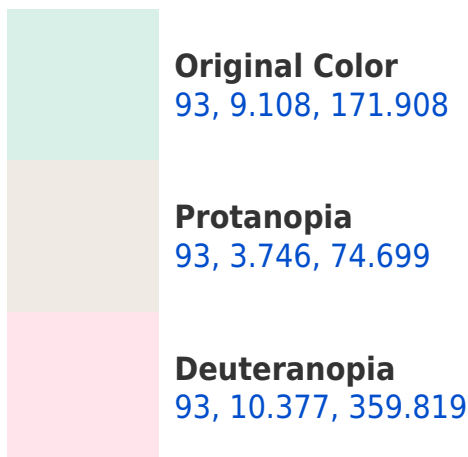


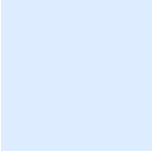
This preview shows how white text looks on a background with the CIELCh color 93, 9.108, 171.908.

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](#).

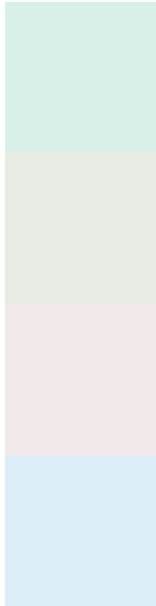
Dichromacy





Tritanopia
93, 10.626, 260.419

Trichromacy



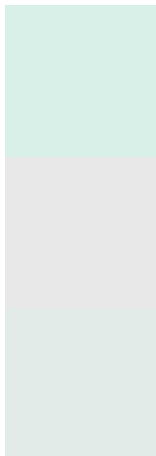
Original Color
93, 9.108, 171.908

Protanomaly
93, 3.884, 131.442

Deuteranomaly
93, 3.386, 1.743

Tritanomaly
93, 7.623, 236.768

Monochromacy



Original Color
93, 9.108, 171.908

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.239, 170.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.108, 171.908 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(217, 240, 232)` looks like.

```
.text, #text, p{  
    color:rgb(217, 240, 232)  
}
```

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(217, 240, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 240, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.108, 171.908 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(217, 240, 232) }
```

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

```
.border{ border-color:rgb(217, 240, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 240, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 240, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 240, 232);  
box-shadow:4px 4px 4px 4px rgb(217, 240,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.108, 171.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 240, 232) }
```

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

```
.background{ background-color: rgb(217,  
240, 232) }
```

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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