

Converting Colors

CIELCh(92, 9.729, 168.679)

Have a look what the booklet for
CIELCh(92, 9.729, 168.679) contains.

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Color

CIELCh(92, 9.393, 169.129)

Conversions

Conversions Part 1

Format	Color
Hex	D6EDE4
RGB	214, 237, 228
RGB Percent	84%, 93%, 89%
CMY	0.1596, 0.0694, 0.1047
CMYK	0.10, 0.00, 0.04, 0.07
HSL	157°, 39%, 89%
HSV	157°, 10%, 93%
XYZ	72.2369, 80.7044, 85.3892
YIQ	229.0970, -10.8190, -7.6750

Conversions

Conversions Part 2

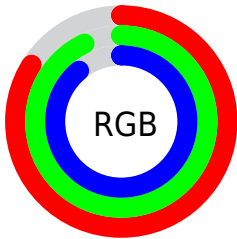
Format	Color
RYB	214, 228, 237
Decimal	14085604
CIELab	92.00, -9.22, 1.77
CIELCh	92, 9.393, 169.129
Yxy	80.7044, 0.3031, 0.3386
Android (android.graphics.Color)	4292275684 (0xFFD6EDE4)
YUV	229.0970, -0.5408, -13.2401
Hunter-Lab	89.8356, -13.6803, 6.5295

Details

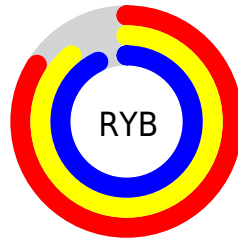
The CIELCh color **92, 9.393, 169.129** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 9.587, 350.787**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 9.269, 170.646** is the 20% darker color. If you saturate the color by 10%, you get **90, 18.985, 168.113**, and if you desaturate by 10%, it is **94, 0.302, 348.294**.

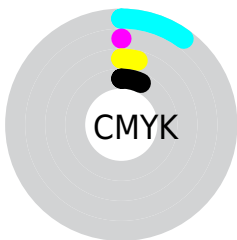
Distribution



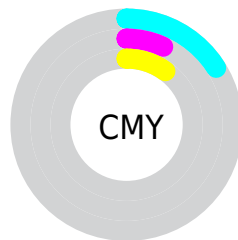
- Red (84%)
- Green (93%)
- Blue (89%)



- Red (84%)
- Yellow (89%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.393, 169.129 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 92, 9.393, 169.129 by changing the saturation by 10% instead.

 92, 9.393, 169.129

 92, 9.393, 169.129

 100, 9.393,
169.129

 82, 9.393, 169.129

 72, 9.393, 169.129

 62, 9.393, 169.129

 52, 9.393, 169.129

 42, 9.393, 169.129

 32, 9.393, 169.129

 22, 9.393, 169.129

 12, 9.393, 169.129

 2, 9.393, 169.129

92, 9.393, 169.129

92, 9.393, 169.129

90, 18.985,
168.113

94, 0.302, 348.294

89, 28.336,
167.025

95, 7.985, 342.003

87, 37.293,
165.824

96, 11.034,
324.797

86, 45.691,
164.485

85, 53.370,
162.981

85, 60.197,
161.287

84, 66.089,
159.385

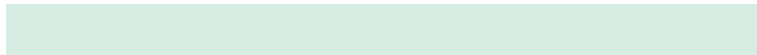
84, 71.043,
157.268

■ 83, 75.217,
154.994

Harmonies

Complementary

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



92, 9.393, 169.129



88, 9.587, 350.787

Rectangle

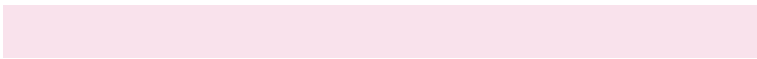
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



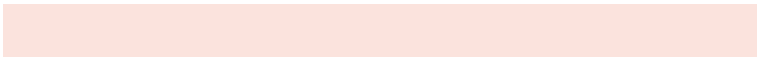
92, 9.393, 169.129



92, 9.393, 219.129



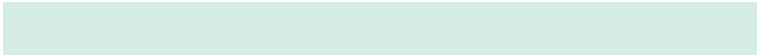
92, 9.393, 349.129



92, 9.393, 39.129

Sweetspot

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



92, 9.395, 169.123



99, 3.081, 169.854



92, 12.899, 132.085



53, 2.336, 169.745



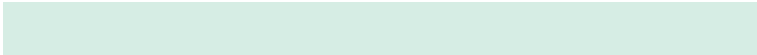
0, 0.000, 0.000



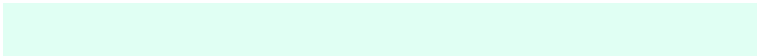
53, 0.007, 296.813

Same Dimension

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



92, 9.395, 169.123



98, 12.316, 168.889



92, 7.231, 208.526



49, 5.551, 169.144



66, 61.694, 155.333



20, 25.227, 159.049

Inverse Universe

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



88, 9.587, 350.787



92, 12.624, 351.030



88, 7.703, 28.783



47, 5.662, 350.765



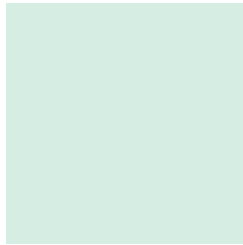
39, 66.369, 12.476



8, 28.817, 4.108

Previews

White Background



This preview shows how the CIELCh color 92, 9.393, 169.129 looks on a white background.

Color Contrast Check

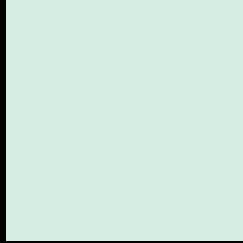
Large Text (above 18pt) WCAG AA × Fail

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 92, 9.393, 169.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

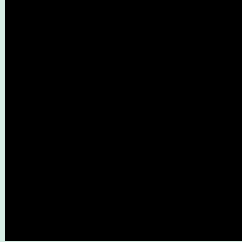
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

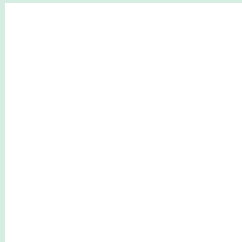
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.393, 169.129

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.393, 169.129.



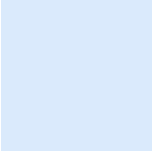
This preview shows how white text looks on a background with the CIELCh color 92, 9.393, 169.129.

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](#).

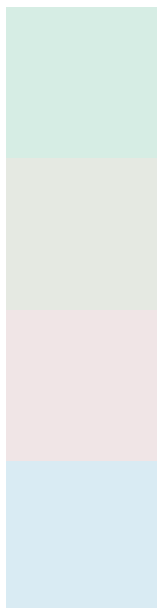
Dichromacy





Tritanopia
92, 10.650, 260.442

Trichromacy



Original Color
92, 9.393, 169.129

Protanomaly
92, 3.893, 131.440

Deuteranomaly
92, 3.987, 12.100

Tritanomaly
92, 7.356, 233.449

Monochromacy



Original Color
92, 9.393, 169.129

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.247, 170.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.393, 169.129 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(214, 237, 228)` looks like.

```
.text, #text, p{  
    color:rgb(214, 237, 228)  
}
```

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(214, 237, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 237, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.393, 169.129 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(214, 237, 228) }
```

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

```
.border{ border-color:rgb(214, 237, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 237, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 237, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 237, 228);  
box-shadow:4px 4px 4px 4px rgb(214, 237,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.393, 169.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 237, 228) }
```

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

```
.background{ background-color: rgb(214,  
237, 228) }
```

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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