

Converting Colors

CIELCh(92, 34.658, 156.754)

Have a look what the booklet for
CIELCh(92, 34.658, 156.754)
contains.

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Color

CIELCh(92, 34.222, 156.876)

Conversions

Conversions Part 1

Format	Color
Hex	AEF8CD
RGB	174, 248, 205
RGB Percent	68%, 97%, 80%
CMY	0.3168, 0.0266, 0.1953
CMYK	0.30, 0.00, 0.17, 0.03
HSL	145°, 85%, 83%
HSV	145°, 30%, 97%
XYZ	62.1773, 80.7044, 70.1865
YIQ	220.9720, -30.3010, -29.0610

Conversions

Conversions Part 2

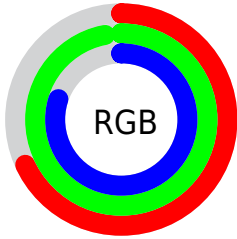
Format	Color
RYB	174, 226, 248
Decimal	11466957
CIELab	92.00, -31.47, 13.44
CIELCh	92, 34.222, 156.876
Yxy	80.7044, 0.2918, 0.3788
Android (android.graphics.Color)	4289657037 (0xFFAEF8CD)
YUV	220.9720, -7.8742, -41.1944
Hunter-Lab	89.8356, -33.6684, 16.5630

Details

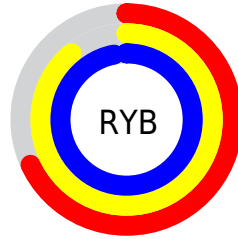
The CIELCh color **92, 34.222, 156.876** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 35.046, 342.058**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **72, 34.062, 157.251** is the 20% darker color. If you saturate the color by 10%, you get **91, 45.308, 155.731**, and if you desaturate by 10%, it is **94, 22.827, 157.884**.

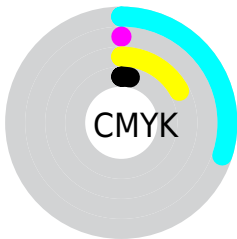
Distribution



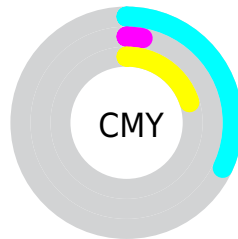
- Red (68%)
- Green (97%)
- Blue (80%)



- Red (68%)
- Yellow (89%)
- Blue (97%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)



- Cyan (32%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 34.222, 156.876 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, 34.222, 156.876 by changing the saturation by 10% instead.

■ 92, 34.222,
156.876

■ 92, 34.222,
156.876

■ 100, 34.222,
156.876

■ 82, 34.222,
156.876

■ 72, 34.222,
156.876

■ 62, 34.222,
156.876


■ 52, 34.222,
156.876

■ 42, 34.222,
156.876


■ 32, 34.222,
156.876


■ 22, 34.222,


156.876

 12, 34.222,
156.876


 2, 34.222, 156.876


 92, 34.222,
156.876


 92, 34.222,
156.876

 91, 45.308,
155.731

 94, 22.827,
157.884

 89, 55.881,
154.425

 96, 11.298,
158.788

 88, 65.736,
152.933

 98, 0.218, 337.504

 87, 74.686,
151.236

 98, 4.223, 324.516

■ 87, 82.594,
149.329

■ 86, 89.402,
147.228

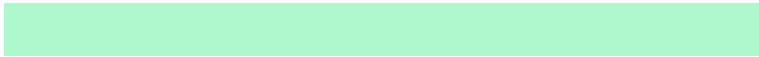
■ 86, 95.206,
145.022

■ 86, 95.308,
144.983

Harmonies

Complementary

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



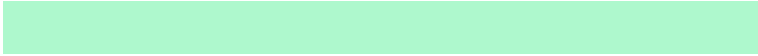
92, 34.222, 156.876



79, 35.046, 342.058

Rectangle

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



92, 34.222, 156.876



92, 34.222, 206.876



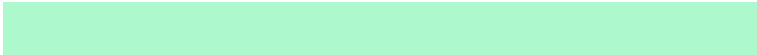
92, 34.222, 336.876



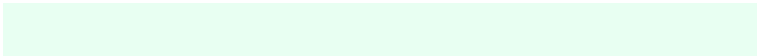
92, 34.222, 26.876

Sweetspot

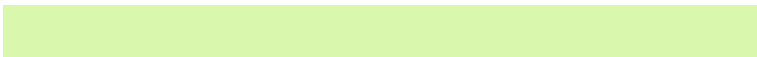
The Sweet Spot groups the original color and five complimentary colors.



92, 34.224, 156.875



98, 10.583, 158.859



94, 39.291, 124.610



52, 7.358, 158.731



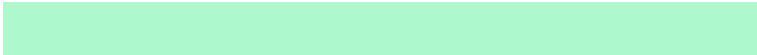
0, 0.000, 0.000



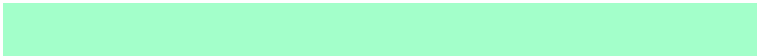
53, 0.007, 296.813

Same Dimension

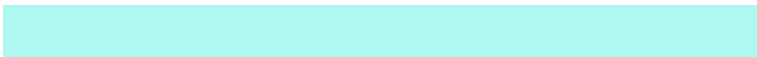
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 34.224, 156.875



93, 42.033, 156.180



93, 24.359, 190.302



51, 6.577, 158.816



67, 76.889, 145.387



22, 32.415, 148.712

Inverse Universe

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



79, 35.046, 342.058



78, 43.199, 342.696



78, 28.947, 15.534



49, 6.636, 340.223



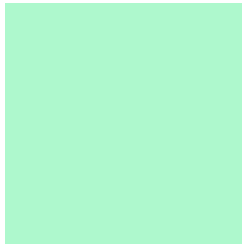
41, 69.123, 354.594



10, 32.041, 350.085

Previews

White Background



This preview shows how the CIELCh color 92, 34.222, 156.876 looks on a white background.

Color Contrast Check

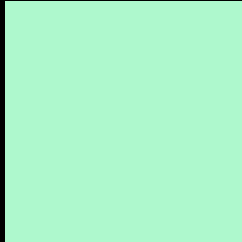
Large Text (above 18pt) WCAG AA × Fail

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 92, 34.222, 156.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

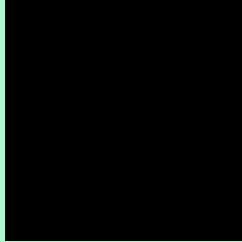
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

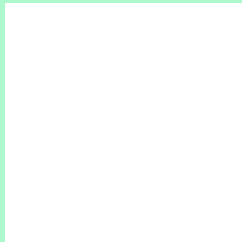
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 34.222, 156.876

Background



This preview shows how black text looks on a background with the CIELCh color 92, 34.222, 156.876.

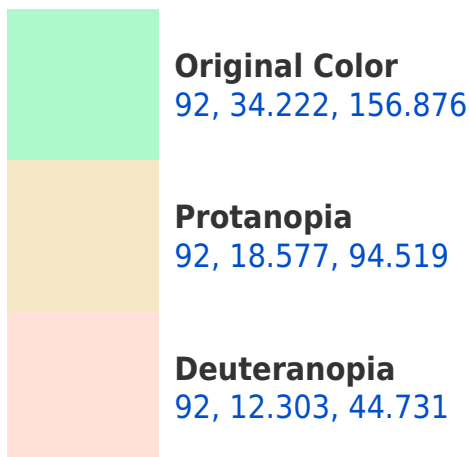


This preview shows how white text looks on a background with the CIELCh color 92, 34.222, 156.876.

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



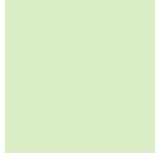


Tritanopia
92, 16.330, 229.251

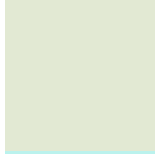
Trichromacy



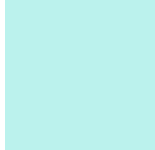
Original Color
92, 34.222, 156.876



Protanomaly
92, 20.807, 128.347



Deuteranomaly
91, 11.646, 121.964

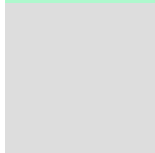


Tritanomaly
92, 18.645, 190.189

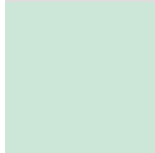
Monochromacy



Original Color
92, 34.222, 156.876



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 12.804, 158.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 34.222, 156.876 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(174, 248, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 248, 205)  
}
```

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(174, 248, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 248, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 34.222, 156.876 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(174, 248, 205) }
```

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

```
.border{ border-color:rgb(174, 248, 205) }
```

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

Here you see how a box with a 4 pixel rgb(174, 248, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 248, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 248, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 248,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 34.222, 156.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 248, 205) }
```

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

```
.background{ background-color: rgb(174,  
248, 205) }
```

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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