

Converting Colors

CIELCh(92, 45.857, 146.321)

Have a look what the booklet for
CIELCh(92, 45.857, 146.321)
contains.

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Color

CIELCh(92, 45.857, 146.321)

Conversions

Conversions Part 1

Format	Color
Hex	AAFBB6
RGB	170, 251, 182
RGB Percent	67%, 98%, 71%
CMY	0.3344, 0.0168, 0.2873
CMYK	0.32, 0.00, 0.28, 0.02
HSL	129°, 90%, 82%
HSV	129°, 32%, 98%
XYZ	59.3473, 80.7044, 56.5646
YIQ	218.9150, -26.1270, -38.6310

Conversions

Conversions Part 2

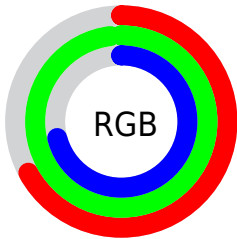
Format	Color
RYB	170, 241, 251
Decimal	11205558
CIELab	92.00, -38.16, 25.43
CIELCh	92, 45.857, 146.321
Yxy	80.7044, 0.3018, 0.4105
Android (android.graphics.Color)	4289395638 (0xFFAAFBB6)
YUV	218.9150, -18.1991, -42.8985
Hunter-Lab	89.8356, -39.2916, 25.5532

Details

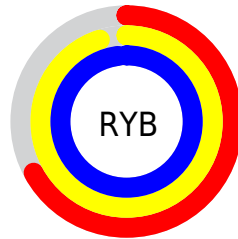
The CIELCh color **92, 45.857, 146.321** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **79, 45.947, 330.775**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 13.172, 157.480**, and **72, 45.729, 146.430** is the 20% darker color. If you saturate the color by 10%, you get **90, 59.617, 145.274**, and if you desaturate by 10%, it is **94, 31.714, 147.225**.

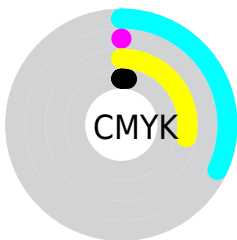
Distribution



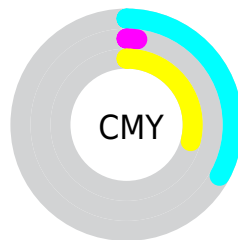
- Red (67%)
- Green (98%)
- Blue (71%)



- Red (67%)
- Yellow (95%)
- Blue (98%)



- Cyan (32%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)





- Cyan (33%)
- Magenta (2%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 45.857, 146.321 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, 45.857, 146.321 by changing the saturation by 10% instead.


 92, 45.857,
146.321


 92, 45.857,
146.321


 100, 45.857,
146.321


 82, 45.857,
146.321

 72, 45.857,
146.321

 62, 45.857,
146.321


 52, 45.857,
146.321

 42, 45.857,
146.321


 32, 45.857,
146.321


 22, 45.857,


146.321


 12, 45.857,
146.321


 2, 45.857, 146.321


 92, 45.857,
146.321

 92, 45.857,
146.321

 90, 59.617,
145.274


 94, 31.714,
147.225

 89, 72.682,
144.073

 96, 17.439,
148.006

 88, 84.705,
142.724

 98, 3.235, 148.755

 87, 95.316,
141.257

 99, 2.661, 324.418

■ 87,104.146,
139.742

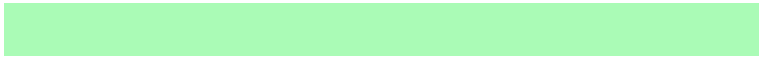
■ 87,110.867,
138.290

■ 86,114.520,
137.341

Harmonies

Complementary

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



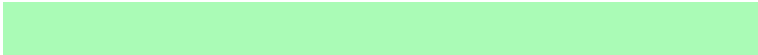
92, 45.857, 146.321



79, 45.947, 330.775

Rectangle

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



92, 45.857, 146.321



92, 45.857, 196.321



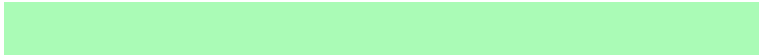
92, 45.857, 326.321



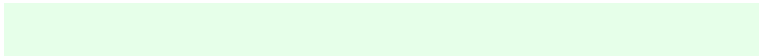
92, 45.857, 16.321

Sweetspot

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



92, 45.859, 146.321



98, 14.350, 148.172



96, 40.936, 112.902



52, 9.799, 148.071



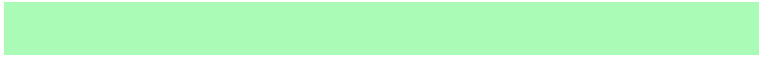
0, 0.000, 0.000



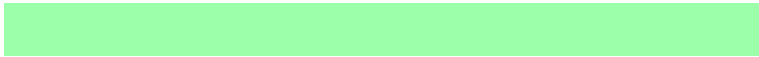
53, 0.007, 296.813

Same Dimension

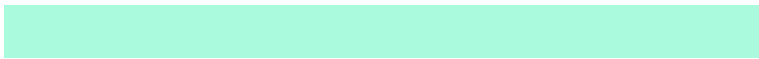
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 45.859, 146.321



92, 55.892, 145.633



93, 31.506, 168.257



51, 8.022, 148.208



67, 91.986, 137.572



22, 39.364, 139.967

Inverse Universe

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



79, 45.947, 330.775



77, 55.913, 331.206



78, 33.939, 355.050



49, 8.042, 329.331



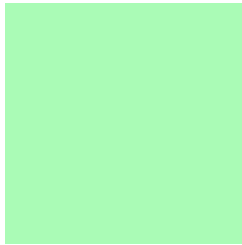
43, 82.055, 335.180



11, 37.666, 334.177

Previews

White Background



This preview shows how the CIE LCh color 92, 45.857, 146.321 looks on a white background.

Color Contrast Check

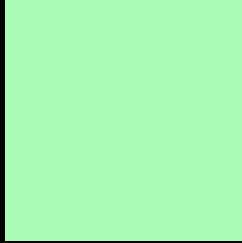
Large Text (above 18pt) WCAG AA × Fail

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, 45.857, 146.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

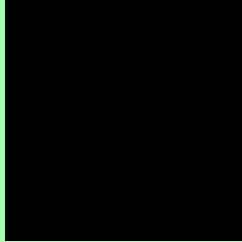
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 45.857, 146.321

Background



This preview shows how black text looks on a background with the CIELCh color 92, 45.857, 146.321.

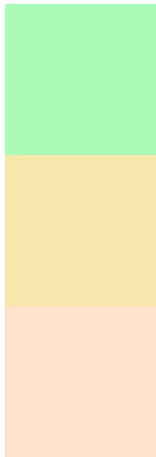


This preview shows how white text looks on a background with the CIELCh color 92, 45.857, 146.321.

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
92, 45.857, 146.321

Protanopia
92, 30.501, 95.102

Deuteranopia
91, 15.375, 61.862

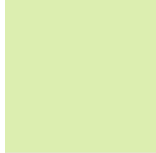


Tritanopia
92, 16.592, 228.703

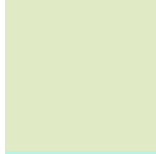
Trichromacy



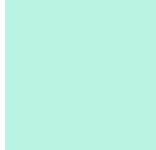
Original Color
92, 45.857, 146.321



Protanomaly
91, 32.422, 119.894

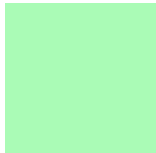


Deuteranomaly
91, 19.416, 119.723

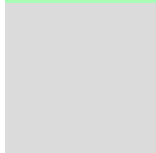


Tritanomaly
92, 21.327, 176.610

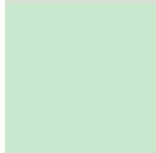
Monochromacy



Original Color
92, 45.857, 146.321



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 17.415, 147.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 45.857, 146.321 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(170, 251, 182)` looks like.

```
.text, #text, p{  
    color:rgb(170, 251, 182)  
}
```

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(170, 251, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 251, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 45.857, 146.321 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(170, 251, 182) }
```

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

```
.border{ border-color:rgb(170, 251, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 251, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 251, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 251, 182); box-shadow:4px 4px 4px 4px rgb(170, 251, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 45.857, 146.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 251, 182) }
```

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

```
.background{ background-color: rgb(170,  
251, 182) }
```

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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