

Converting Colors

`RYB(169, 228, 255)`

Have a look what the booklet for
RYB(169, 228, 255) contains.

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Color

R_YB(169, 228, 255)

Conversions

Conversions Part 1

Format	Color
Hex	A9FFD0
RGB	169, 255, 208
RGB Percent	66%, 100%, 82%
CMY	0.3373, 0.0000, 0.1829
CMYK	0.34, 0.00, 0.18, 0.00
HSL	147°, 100%, 83%
HSV	147°, 34%, 100%
XYZ	63.5512, 84.5266, 72.8701
YIQ	223.9280, -36.1690, -32.8490

Conversions

Conversions Part 2

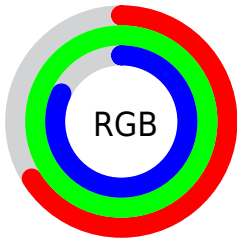
Format	Color
RYB	169, 228, 255
Decimal	11141072
CIELab	93.68, -35.53, 14.16
CIElCh	94, 38.252, 158.274
Yxy	84.5266, 0.2876, 0.3826
Android (android.graphics.Color)	4289331152 (0xFFA9FFD0)
YUV	223.9280, -7.8525, -48.1719
Hunter-Lab	91.9384, -37.5063, 17.3637

Details

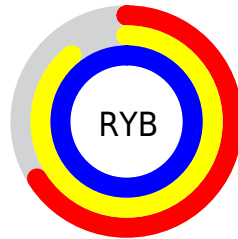
The RYB color **169, 228, 255** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 169, 216**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **226, 241, 255**, and **114, 171, 198** is the 20% darker color. If you saturate the color by 10%, you get **144, 220, 255**, and if you desaturate by 10%, it is **195, 236, 255**.

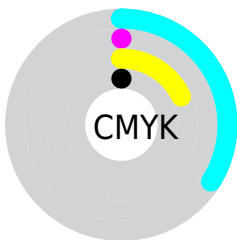
Distribution



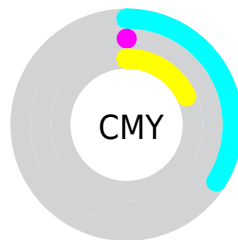
- Red (66%)
- Green (100%)
- Blue (82%)



- Red (66%)
- Yellow (89%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 228, 255 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 RYB color 169, 228, 255 by changing the saturation by 10% instead.

 169, 228, 255


255, 255, 255


 226, 241, 255


 169, 228, 255

 141, 199, 226

 114, 171, 198


 87, 143, 170

 59, 114, 143

 28, 85, 117

 0, 57, 92

 0, 45, 68

 0, 35, 45

 0, 21, 21

■ 169, 228, 255

■ 169, 228, 255

■ 144, 220, 255

■ 195, 236, 255

■ 118, 212, 255

■ 220, 244, 255

■ 93, 204, 255

■ 246, 252, 255

■ 67, 196, 255

255, 255, 255

■ 42, 188, 255

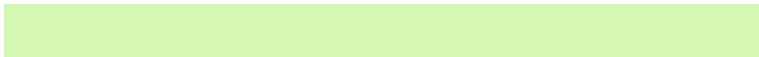
■ 16, 180, 255

■ 0, 175, 255

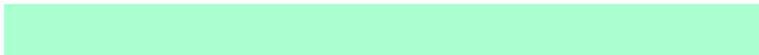
Harmonies

Analogous

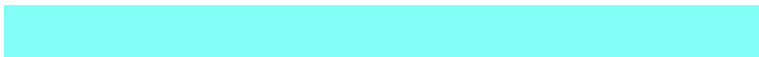
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178, 248, 214



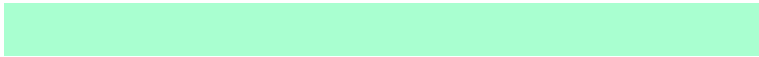
169, 228, 255



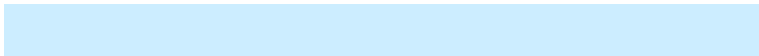
131, 195, 255

Triad

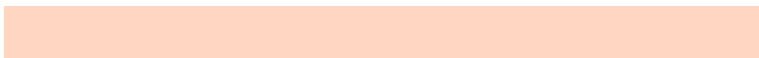
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



169, 228, 255



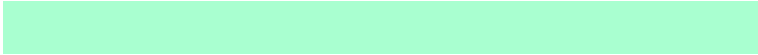
204, 224, 255



255, 225, 193

Complementary

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



169, 228, 255



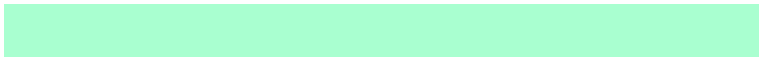
255, 169, 216

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 209, 228



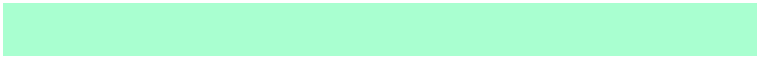
169, 228, 255



255, 224, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



169, 228, 255



151, 201, 255



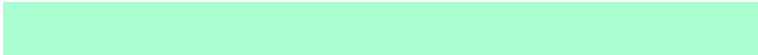
255, 213, 255



215, 255, 169

Rectangle

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



169, 228, 255



118, 187, 255



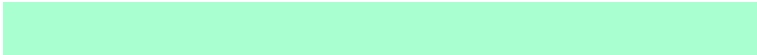
255, 213, 255



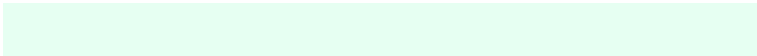
255, 213, 204

Sweetspot

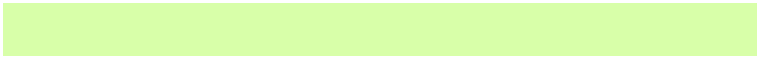
The Sweet Spot groups the original color and five complimentary colors.



169, 228, 255



230, 247, 255



169, 255, 208



112, 123, 128



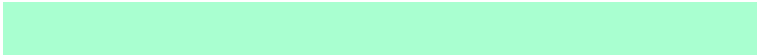
0, 0, 0



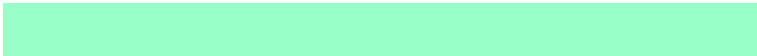
128, 128, 128

Same Dimension

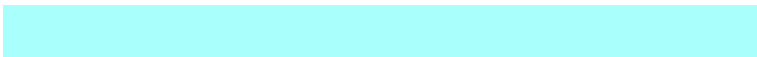
The Same Dimension uses a secret algorithm to generate beautiful new colors.



169, 228, 255



153, 223, 255



169, 213, 255



115, 124, 128



0, 131, 191



0, 44, 64

Inverse Universe

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



255, 169, 216



255, 153, 208



255, 169, 173



128, 115, 122



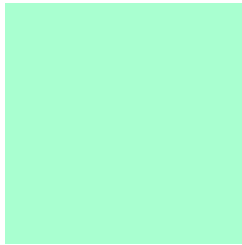
191, 0, 104



64, 0, 35

Previews

White Background



This preview shows how the RYB color 169, 228, 255 looks on a white background.

Color Contrast Check

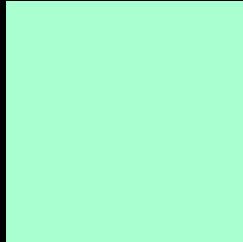
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 169, 228, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

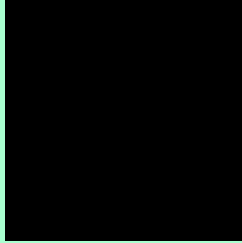
Any Text WCAG AA ✓ Pass

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](#).

RYB 169, 228, 255 Background



This preview shows how black text looks on a background with the RYB color 169, 228, 255.



This preview shows how white text looks on a background with the RYB color 169, 228, 255.

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





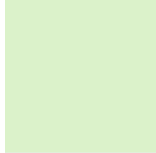
Tritanopia
205, 227, 255

Trichromacy



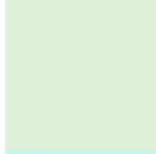
Original Color

169, 228, 255



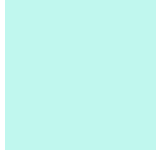
Protanomaly

202, 242, 225



Deuteranomaly

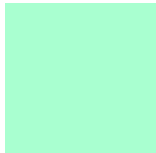
218, 240, 234



Tritanomaly

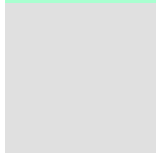
192, 222, 247

Monochromacy



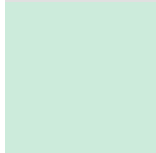
Original Color

169, 228, 255



Achromatopsia

224, 224, 224



Achromatomaly

204, 225, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 228, 255 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(169, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 208)  
}
```

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(169, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 208) }
```

Border

The CSS property to change the border of an element to RYB 169, 228, 255 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(169, 255, 208) }
```

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

```
.border{ border-color:rgb(169, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 169, 228, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 255, 208) }
```

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

```
.background{ background-color: rgb(169,  
255, 208) }
```

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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