

Converting Colors

`RYB(130, 255, 221)`

Have a look what the booklet for
RYB(130, 255, 221) contains.

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Color

R_YB(130, 255, 221)

Conversions

Conversions Part 1

Format	Color
Hex	A4FF82
RGB	164, 255, 130
RGB Percent	64%, 100%, 51%
CMY	0.3569, 0.0000, 0.4902
CMYK	0.36, 0.00, 0.49, 0.00
HSL	104°, 100%, 75%
HSV	104°, 49%, 100%
XYZ	55.0991, 81.0242, 33.8543
YIQ	213.5410, -14.1110, -58.1670

Conversions

Conversions Part 2

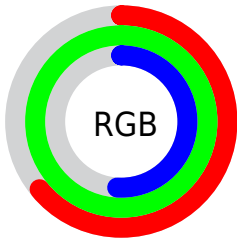
Format	Color
RYB	130, 255, 221
Decimal	10813314
CIELab	92.14, -49.22, 50.96
CIElCh	92, 70.852, 134.008
Yxy	81.0242, 0.3242, 0.4767
Android (android.graphics.Color)	4289003394 (0xFFA4FF82)
YUV	213.5410, -41.1857, -43.4475
Hunter-Lab	90.0135, -48.2600, 40.7103

Details

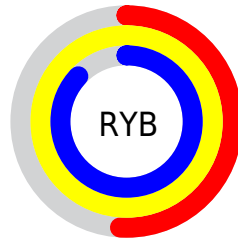
The RYB color **130, 255, 221** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **221, 130, 255**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **185, 255, 218**, and **77, 198, 168** is the 20% darker color. If you saturate the color by 10%, you get **105, 255, 215**, and if you desaturate by 10%, it is **155, 255, 227**.

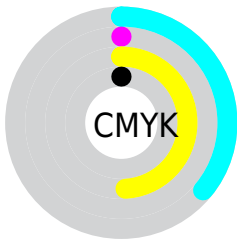
Distribution



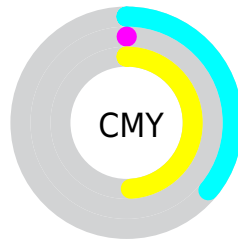
- Red (64%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (87%)



- Cyan (36%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 255, 221 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 130, 255, 221 by changing the saturation by 10% instead.

 130, 255, 221

255, 255, 255

 185, 255, 218


 213, 255, 216


 242, 255, 242


 130, 255, 221


 103, 226, 194


 77, 198, 168

 50, 170, 142


 20, 143, 116

 0, 117, 117

 0, 91, 91

 0, 67, 67

 0, 45, 45

 0, 14, 14

■ 130, 255, 221

■ 130, 255, 221

■ 105, 255, 215

■ 155, 255, 227

■ 79, 255, 207

■ 181, 255, 235

■ 53, 255, 200

■ 207, 255, 242

■ 28, 255, 193

■ 232, 255, 249

■ 2, 255, 186

255, 255, 255

■ 0, 255, 186

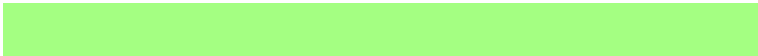
Harmonies

Analogous

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



93, 240, 92



130, 255, 221



0, 145, 255

Triad

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



130, 255, 221



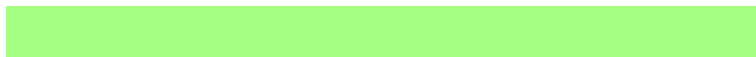
0, 126, 255



255, 173, 203

Complementary

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



130, 255, 221



221, 130, 255

Split Complementary

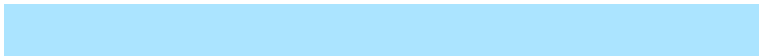
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 178, 255



130, 255, 221



171, 205, 255

Square

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



130, 255, 221



0, 128, 255



255, 201, 255



255, 227, 141

Rectangle

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



130, 255, 221



0, 131, 255



255, 201, 255



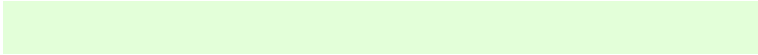
255, 172, 226

Sweetspot

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



130, 255, 221



217, 255, 245



179, 255, 130



105, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

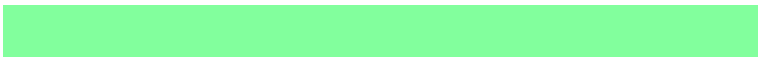
The Same Dimension uses a secret algorithm to generate beautiful new colors.



130, 255, 221



105, 255, 215



130, 233, 255



115, 128, 125



0, 191, 139



0, 64, 47

Inverse Universe

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



221, 130, 255



214, 105, 255



255, 130, 228



124, 115, 128



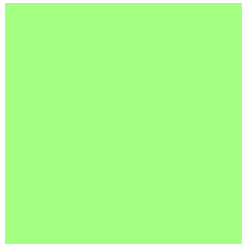
139, 0, 191



46, 0, 64

Previews

White Background



This preview shows how the RYB color 130, 255, 221 looks on a white background.

Color Contrast Check

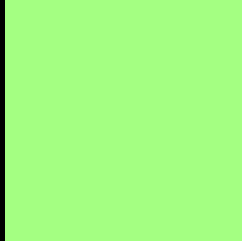
Large Text (above 18pt) WCAG AA × Fail

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 130, 255, 221 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 130, 255, 221 Background



This preview shows how black text looks on a background with the RYB color 130, 255, 221.

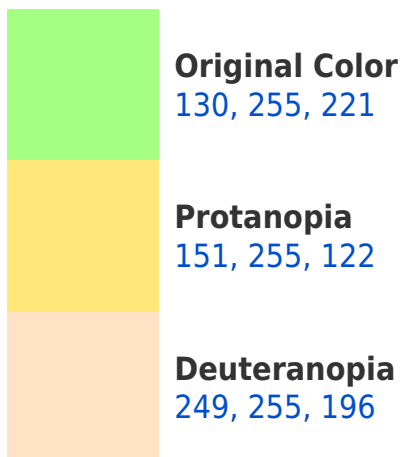


This preview shows how white text looks on a background with the RYB color 130, 255, 221.

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](#).

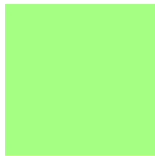
Dichromacy





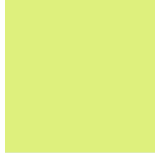
Tritanopia
195, 220, 255

Trichromacy



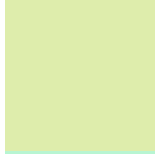
Original Color

130, 255, 221



Protanomaly

125, 240, 143



Deuteranomaly

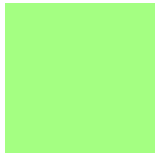
172, 237, 187



Tritanomaly

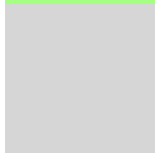
184, 227, 245

Monochromacy



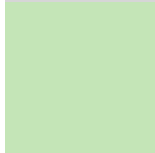
Original Color

130, 255, 221



Achromatopsia

214, 214, 214



Achromatomaly

183, 229, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 255, 221 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(164, 255, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 130)  
}
```

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(164, 255, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 255, 221 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(164, 255, 130) }
```

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

```
.border{ border-color:rgb(164, 255, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 255, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 255, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 130) }
```

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

```
.background{ background-color: rgb(164,  
255, 130) }
```

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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