

Converting Colors

`RYB(132, 255, 214)`

Have a look what the booklet for
RYB(132, 255, 214) contains.

RYB(132, 255, 214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(132, 255, 214)`

Conversions

Conversions Part 1

Format	Color
Hex	ADFF84
RGB	173, 255, 132
RGB Percent	68%, 100%, 52%
CMY	0.3216, 0.0000, 0.4824
CMYK	0.32, 0.00, 0.48, 0.00
HSL	100°, 100%, 76%
HSV	100°, 48%, 100%
XYZ	57.1584, 82.0702, 34.6584
YIQ	216.4600, -9.3890, -55.6370

Conversions

Conversions Part 2

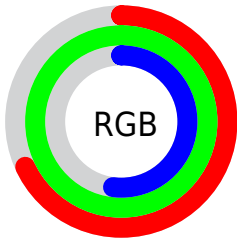
Format	Color
RYB	132, 255, 214
Decimal	11403140
CIELab	92.61, -46.09, 50.69
CIELCh	93, 68.516, 132.277
Yxy	82.0702, 0.3287, 0.4720
Android (android.graphics.Color)	4289593220 (0xFFADFF84)
YUV	216.4600, -41.6388, -38.1144
Hunter-Lab	90.5926, -45.9144, 40.7320

Details

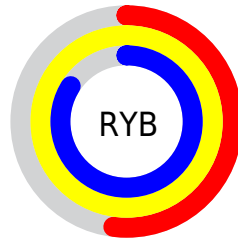
The RYB color **132, 255, 214** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **214, 132, 255**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **187, 255, 211**, and **79, 198, 161** is the 20% darker color. If you saturate the color by 10%, you get **107, 255, 206**, and if you desaturate by 10%, it is **158, 255, 223**.

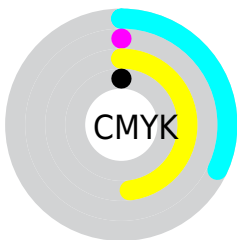
Distribution



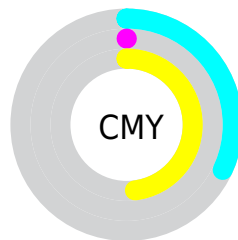
- Red (68%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (84%)



- Cyan (32%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 255, 214 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 132, 255, 214 by changing the saturation by 10% instead.

 132, 255, 214

255, 255, 255


 187, 255, 211


 216, 255, 216


 245, 255, 245


 132, 255, 214

 105, 226, 186

 79, 198, 161

 53, 170, 135


 23, 143, 107

 0, 117, 91

 0, 92, 92

 0, 67, 67

 0, 45, 45

 0, 17, 17

■ 132, 255, 214

■ 132, 255, 214

■ 107, 255, 206

■ 158, 255, 223

■ 81, 255, 197

■ 183, 255, 231

■ 56, 255, 189

■ 209, 255, 240

■ 30, 255, 180

■ 234, 255, 248

■ 5, 255, 172

255, 255, 255

■ 0, 255, 170

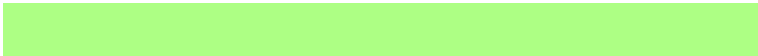
Harmonies

Analogous

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



105, 246, 98



132, 255, 214



54, 174, 255

Triad

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



132, 255, 214



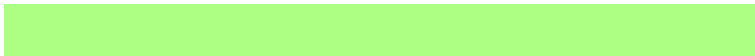
0, 127, 255



255, 177, 209

Complementary

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



132, 255, 214



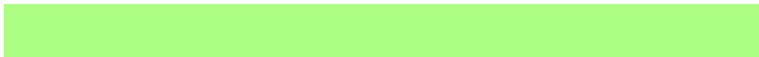
214, 132, 255

Split Complementary

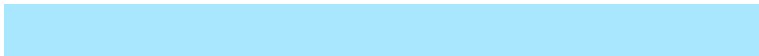
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 183, 255



132, 255, 214



169, 205, 255

Square

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



132, 255, 214



0, 128, 255



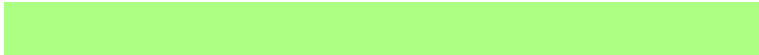
255, 205, 255



255, 223, 148

Rectangle

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



132, 255, 214



0, 132, 255



255, 205, 255



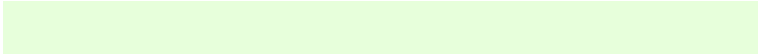
255, 176, 231

Sweetspot

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



132, 255, 214



219, 255, 243



194, 255, 132



106, 128, 121



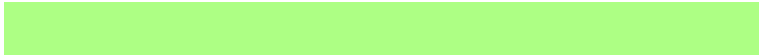
0, 0, 0



128, 128, 128

Same Dimension

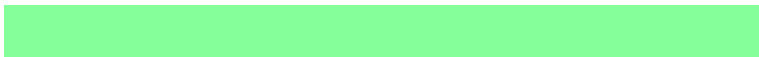
The Same Dimension uses a secret algorithm to generate beautiful new colors.



132, 255, 214



107, 255, 206



132, 237, 255



115, 128, 124



0, 191, 127



0, 64, 43

Inverse Universe

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



214, 132, 255



206, 107, 255



255, 132, 234



123, 115, 128



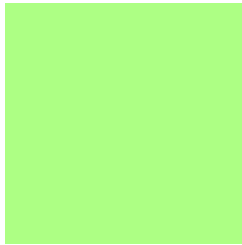
128, 0, 191



43, 0, 64

Previews

White Background



This preview shows how the RYB color 132, 255, 214 looks on a white background.

Color Contrast Check

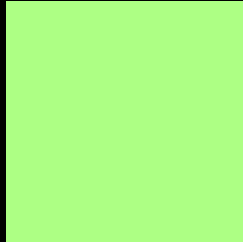
Large Text (above 18pt) WCAG AA × Fail

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 132, 255, 214 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 132, 255, 214 Background



This preview shows how black text looks on a background with the RYB color 132, 255, 214.

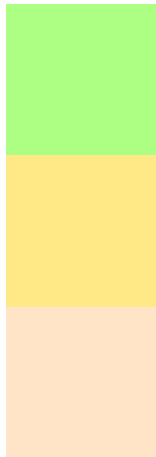


This preview shows how white text looks on a background with the RYB color 132, 255, 214.

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
132, 255, 214

Protanopia
161, 255, 134

Deuteranopia
253, 255, 200



Tritanopia
202, 224, 255

Trichromacy



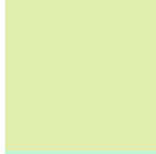
Original Color

132, 255, 214



Protanomaly

133, 241, 149



Deuteranomaly

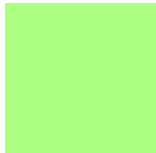
175, 238, 188



Tritanomaly

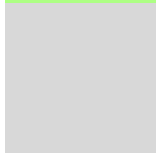
191, 231, 245

Monochromacy



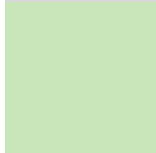
Original Color

132, 255, 214



Achromatopsia

216, 216, 216



Achromatomaly

185, 230, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 255, 214 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(173, 255, 132)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 132)  
}
```

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(173, 255, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 132) }
```

Border

The CSS property to change the border of an element to RYB 132, 255, 214 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(173, 255, 132) }
```

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

```
.border{ border-color:rgb(173, 255, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 132);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 132, 255, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 132) }
```

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

```
.background{ background-color: rgb(173,  
255, 132) }
```

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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