

Converting Colors

`RYB(132, 254, 169)`

Have a look what the booklet for
RYB(132, 254, 169) contains.

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Color

R_YB(132, 254, 169)

Conversions

Conversions Part 1

Format	Color
Hex	D9FE84
RGB	217, 254, 132
RGB Percent	85%, 100%, 52%
CMY	0.1490, 0.0039, 0.4824
CMYK	0.15, 0.00, 0.48, 0.00
HSL	78°, 98%, 76%
HSV	78°, 48%, 100%
XYZ	68.2219, 87.3013, 35.0850
YIQ	229.0290, 17.1100, -45.7860

Conversions

Conversions Part 2

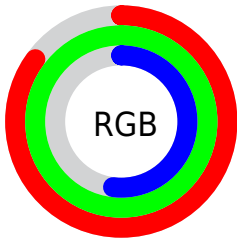
Format	Color
RYB	132, 254, 169
Decimal	14286468
CIELab	94.87, -30.19, 54.03
CIELCh	95, 61.897, 119.196
Yxy	87.3013, 0.3579, 0.4580
Android (android.graphics.Color)	4292476548 (0xFFD9FE84)
YUV	229.0290, -47.8353, -10.5494
Hunter-Lab	93.4352, -33.1792, 43.1412

Details

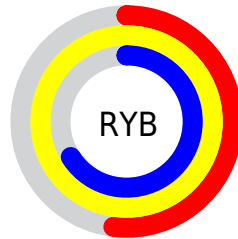
The RYB color **132, 254, 169** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **169, 132, 254**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **187, 255, 187**, and **79, 197, 116** is the 20% darker color. If you saturate the color by 10%, you get **107, 254, 152**, and if you desaturate by 10%, it is **157, 254, 186**.

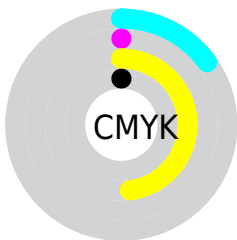
Distribution



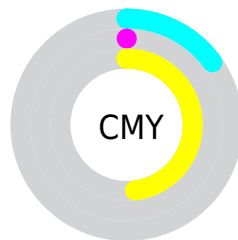
- Red (85%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (66%)



- Cyan (15%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 254, 169 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, 254, 169 by changing the saturation by 10% instead.

 132, 254, 169

255, 255, 255


 187, 255, 187


 216, 255, 216


 245, 255, 245


 132, 254, 169


 105, 225, 142

 79, 197, 116

 52, 170, 90

 22, 143, 60

 0, 118, 39

 0, 93, 41

 0, 69, 45

 0, 46, 46

 0, 26, 26

■ 132, 254, 169

■ 132, 254, 169

■ 107, 254, 152

■ 157, 254, 186

■ 81, 254, 133

■ 183, 254, 205

■ 56, 254, 116

■ 208, 254, 222

■ 30, 254, 98

■ 234, 254, 240

■ 5, 254, 81

255, 254, 255

■ 0, 254, 77

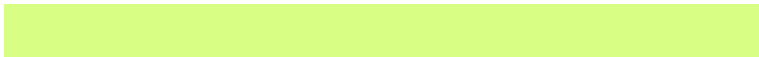
Harmonies

Analogous

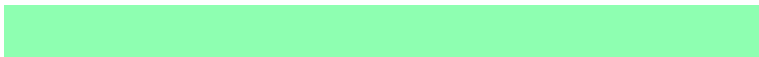
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



139, 255, 117



132, 254, 169



142, 228, 255

Triad

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



132, 254, 169



0, 128, 255



255, 191, 244

Complementary

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



132, 254, 169



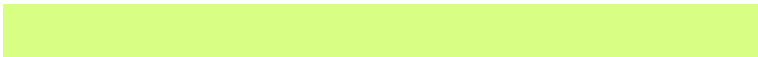
169, 132, 254

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, 203, 255



132, 254, 169



133, 192, 255

Square

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



132, 254, 169



0, 128, 255



242, 225, 255



255, 198, 185

Rectangle

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



132, 254, 169



65, 171, 255



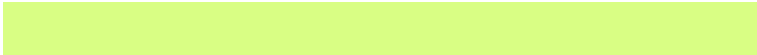
242, 225, 255



255, 193, 255

Sweetspot

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



132, 254, 169



219, 255, 230



254, 185, 132



106, 128, 113



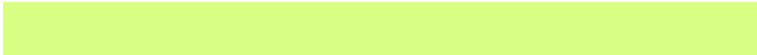
0, 0, 0



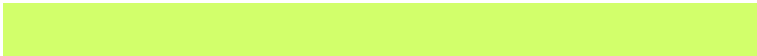
128, 128, 128

Same Dimension

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



132, 254, 169



107, 255, 152



132, 254, 230



115, 128, 119



0, 191, 58



0, 64, 20

Inverse Universe

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



169, 132, 254



152, 107, 255



230, 132, 254



119, 115, 128



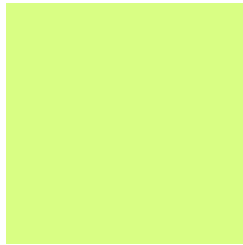
58, 0, 191



19, 0, 64

Previews

White Background



This preview shows how the RYB color 132, 254, 169 looks on a white background.

Color Contrast Check

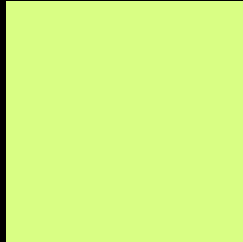
Large Text (above 18pt) WCAG AA × Fail

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, 254, 169 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, 254, 169 Background



This preview shows how black text looks on a background with the RYB color 132, 254, 169.

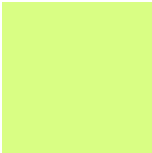
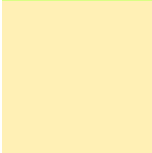



This preview shows how white text looks on a background with the RYB color 132, 254, 169.

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

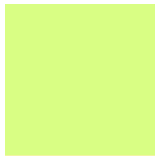
	Original Color 132, 254, 169
	Protanopia 200, 255, 181
	Deuteranopia 253, 255, 218



Tritanopia

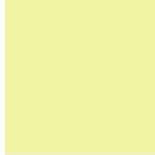
234, 239, 255

Trichromacy



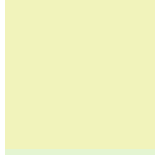
Original Color

132, 254, 169



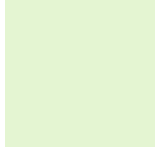
Protanomaly

163, 245, 167



Deuteranomaly

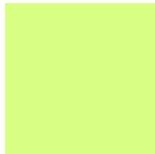
187, 243, 189



Tritanomaly

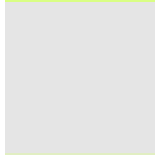
210, 245, 227

Monochromacy



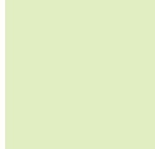
Original Color

132, 254, 169



Achromatopsia

229, 229, 229



Achromatomaly

194, 238, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 254, 169 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(217, 254, 132)` looks like.

```
.text, #text, p{  
    color:rgb(217, 254, 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(217, 254, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 254, 132) }
```

Border

The CSS property to change the border of an element to RYB 132, 254, 169 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(217, 254, 132) }
```

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

```
.border{ border-color:rgb(217, 254, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 254, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 254, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 254, 132);  
box-shadow:4px 4px 4px 4px rgb(217, 254,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 132, 254, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 254, 132) }
```

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

```
.background{ background-color: rgb(217,  
254, 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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