

Converting Colors

`RYB(169, 242, 189)`

Have a look what the booklet for
RYB(169, 242, 189) contains.

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Color

R_YB(169, 242, 189)

Conversions

Conversions Part 1

Format	Color
Hex	DEF2A9
RGB	222, 242, 169
RGB Percent	87%, 95%, 66%
CMY	0.1294, 0.0510, 0.3373
CMYK	0.08, 0.00, 0.30, 0.05
HSL	76°, 74%, 81%
HSV	76°, 30%, 95%
XYZ	69.0378, 81.8984, 49.7054
YIQ	227.6980, 11.5130, -26.9430

Conversions

Conversions Part 2

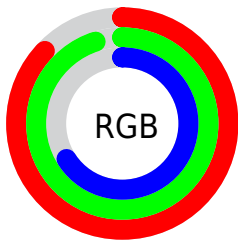
Format	Color
RYB	169, 242, 189
Decimal	14611113
CIELab	92.53, -18.35, 33.12
CIELCh	93, 37.866, 118.981
Yxy	81.8984, 0.3441, 0.4082
Android (android.graphics.Color)	4292801193 (0xFFDEF2A9)
YUV	227.6980, -28.9381, -4.9971
Hunter-Lab	90.4978, -22.1993, 30.7837

Details

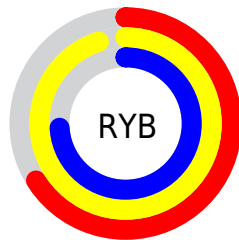
The RYB color **169, 242, 189** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **189, 169, 242**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **225, 255, 225**, and **116, 186, 136** is the 20% darker color. If you saturate the color by 10%, you get **145, 242, 172**, and if you desaturate by 10%, it is **193, 242, 206**.

Distribution



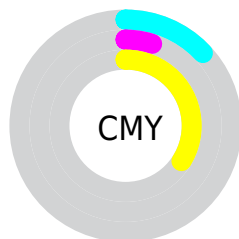
- Red (87%)
- Green (95%)
- Blue (66%)



- Red (66%)
- Yellow (95%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 242, 189 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, 242, 189 by changing the saturation by 10% instead.

 169, 242, 189

255, 255, 255


 225, 255, 225

254, 255, 254

 169, 242, 189

 142, 214, 162

 116, 186, 136

 91, 159, 111

 67, 133, 87

 43, 107, 62

 19, 83, 39

 0, 60, 20

 0, 38, 22

 0, 16, 16

■ 169, 242, 189

■ 169, 242, 189

■ 145, 242, 172

■ 193, 242, 206

■ 121, 242, 154

■ 217, 242, 224

■ 96, 242, 136

■ 242, 242, 242

■ 72, 242, 119

■ 249, 242, 255

■ 48, 242, 101

■ 255, 242, 255

■ 24, 242, 84

■ 0, 242, 66

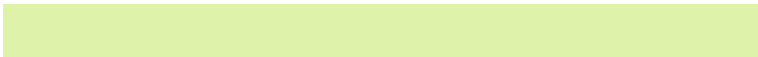
Harmonies

Analogous

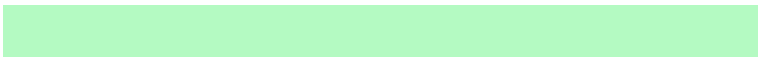
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193, 255, 161



169, 242, 189



180, 238, 250

Triad

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



169, 242, 189



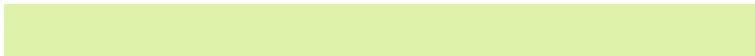
135, 193, 255



255, 207, 236

Complementary

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



169, 242, 189



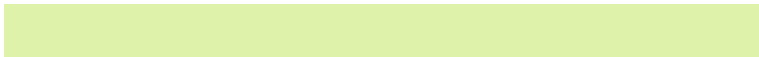
189, 169, 242

Split Complementary

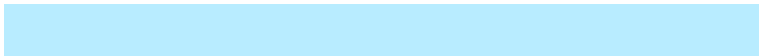
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 213, 255



169, 242, 189



184, 214, 255

Square

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



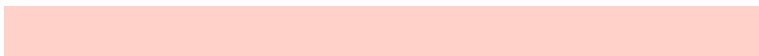
169, 242, 189



116, 185, 255



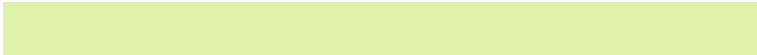
237, 225, 255



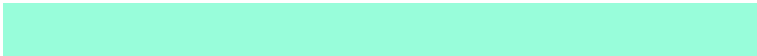
255, 211, 200

Rectangle

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



169, 242, 189



152, 213, 253



237, 225, 255



255, 208, 249

Sweetspot

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



169, 242, 189



232, 255, 238



242, 195, 169



113, 128, 117



0, 0, 0



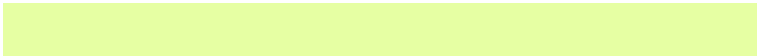
128, 128, 128

Same Dimension

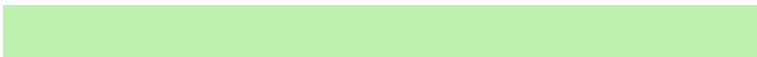
The Same Dimension uses a secret algorithm to generate beautiful new colors.



169, 242, 189



163, 255, 188



169, 242, 225



108, 120, 111



0, 184, 51



0, 56, 15

Inverse Universe

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



189, 169, 242



188, 163, 255



225, 169, 242



111, 108, 120



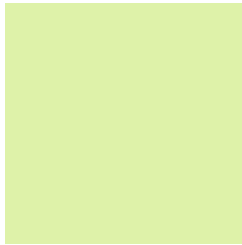
50, 0, 184



15, 0, 56

Previews

White Background



This preview shows how the RYB color 169, 242, 189 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, 242, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

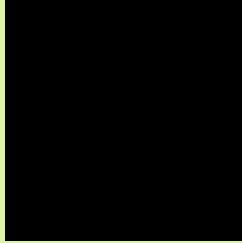
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

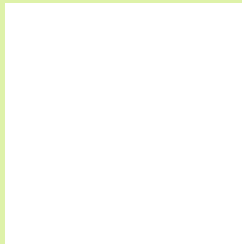
Any Text WCAG AAA ✓ Pass

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

RYB 169, 242, 189 Background



This preview shows how black text looks on a background with the RYB color 169, 242, 189.

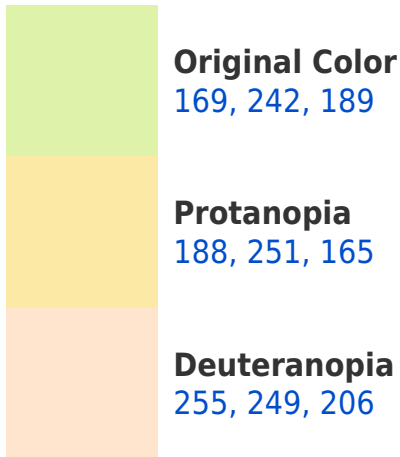


This preview shows how white text looks on a background with the RYB color 169, 242, 189.

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](#).

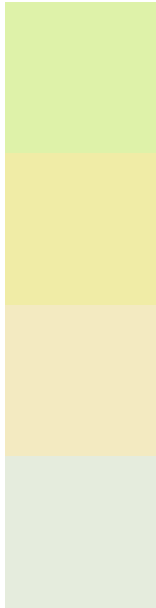
Dichromacy





Tritanopia
233, 232, 250

Trichromacy



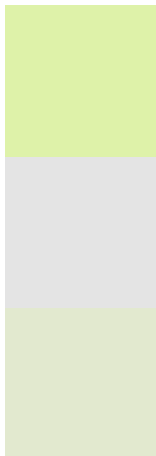
Original Color
169, 242, 189

Protanomaly
170, 240, 166

Deuteranomaly
204, 243, 193

Tritanomaly
221, 236, 228

Monochromacy



Original Color
169, 242, 189

Achromatopsia
228, 228, 228

Achromatomaly
207, 233, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 242, 189 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(222, 242, 169)` looks like.

```
.text, #text, p{  
    color:rgb(222, 242, 169)  
}
```

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(222, 242, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 242, 169) }
```

Border

The CSS property to change the border of an element to RYB 169, 242, 189 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(222, 242, 169) }
```

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

```
.border{ border-color:rgb(222, 242, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 242, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 242, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 242, 169);  
box-shadow:4px 4px 4px 4px rgb(222, 242,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 169, 242, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 242, 169) }
```

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

```
.background{ background-color: rgb(222,  
242, 169) }
```

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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