

Converting Colors

`RYB(169, 224, 166)`

Have a look what the booklet for
RYB(169, 224, 166) contains.

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Color

R_YB(169, 224, 166)

Conversions

Conversions Part 1

Format	Color
Hex	E0DDA6
RGB	224, 221, 166
RGB Percent	88%, 87%, 65%
CMY	0.1216, 0.1328, 0.3490
CMYK	0.00, 0.01, 0.26, 0.12
HSL	57°, 48%, 76%
HSV	57°, 26%, 88%
XYZ	63.5188, 70.3913, 46.3155
YIQ	215.6270, 19.4430, -16.4690

Conversions

Conversions Part 2

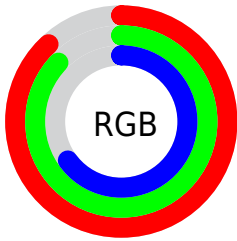
Format	Color
RYB	169, 224, 166
Decimal	14736806
CIELab	87.19, -7.63, 27.50
CIELCh	87, 28.538, 105.515
Yxy	70.3913, 0.3524, 0.3906
Android (android.graphics.Color)	4292926886 (0xFFE0DDA6)
YUV	215.6270, -24.4661, 7.3431
Hunter-Lab	83.8995, -11.6850, 25.9995

Details

The RYB color **169, 224, 166** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166, 169, 224**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **221, 255, 221**, and **116, 168, 114** is the 20% darker color. If you saturate the color by 10%, you get **148, 224, 144**, and if you desaturate by 10%, it is **190, 224, 188**.

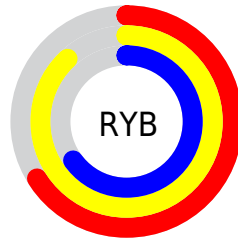
Distribution



Red (88%)

Green (87%)

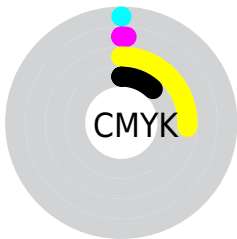
Blue (65%)



Red (66%)

Yellow (88%)

Blue (65%)

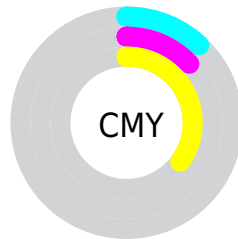


Cyan (0%)

Magenta (1%)

Yellow (26%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 224, 166 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, 224, 166 by changing the saturation by 10% instead.


 169, 224, 166

255, 255, 255


 221, 255, 221


 250, 255, 250

 169, 224, 166


 142, 196, 139

 116, 168, 114

 90, 141, 89

 66, 115, 65

 42, 90, 42

 20, 67, 21

 0, 44, 1

 0, 24, 6

 0, 0, 0

169, 224, 166

169, 224, 166

148, 224, 144

190, 224, 188

126, 224, 121

212, 224, 211

105, 224, 99

224, 224, 233

83, 224, 76

224, 226, 255

62, 224, 54

224, 227, 255

41, 224, 32

224, 228, 255

21, 224, 9

224, 228, 255

12, 224, 0

224, 229, 255

224, 230, 255

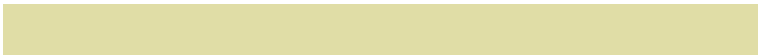
Harmonies

Analogous

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



238, 251, 166



169, 224, 166



180, 228, 215

Triad

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



169, 224, 166



144, 193, 255



255, 200, 233

Complementary

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



169, 224, 166



166, 169, 224

Split Complementary

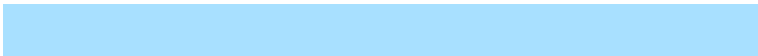
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 207, 255



169, 224, 166



168, 202, 255

Square

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



169, 224, 166



143, 189, 234



205, 214, 255



255, 199, 205

Rectangle

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



169, 224, 166



173, 216, 232



205, 214, 255



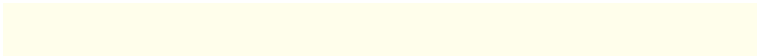
255, 202, 241

Sweetspot

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



169, 224, 166



236, 255, 235



224, 166, 169



116, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



169, 224, 166



180, 255, 176



166, 224, 192



101, 112, 101



9, 176, 0



2, 48, 0

Inverse Universe

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



166, 169, 224



176, 180, 255



192, 166, 224



101, 102, 112



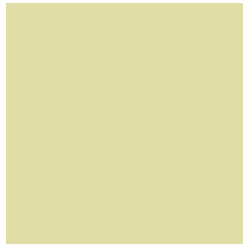
0, 9, 176



0, 2, 48

Previews

White Background



This preview shows how the RYB color 169, 224, 166 looks on a white background.

Color Contrast Check

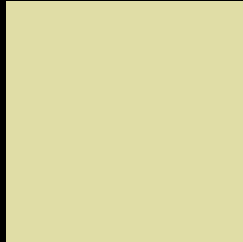
Large Text (above 18pt) WCAG AA × Fail

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, 224, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

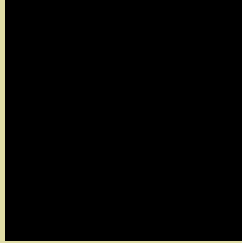
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

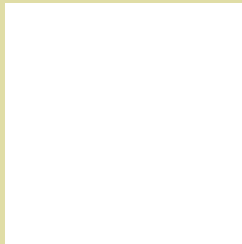
Any Text WCAG AAA ✓ Pass

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

RYB 169, 224, 166 Background



This preview shows how black text looks on a background with the RYB color 169, 224, 166.


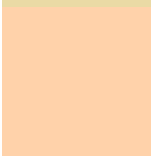


This preview shows how white text looks on a background with the RYB color 169, 224, 166.

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](#).

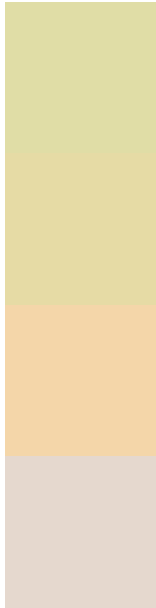
Dichromacy

	Original Color 169, 224, 166
	Protanopia 186, 234, 165
	Deuteranopia 255, 246, 170



Tritanopia
232, 213, 229

Trichromacy



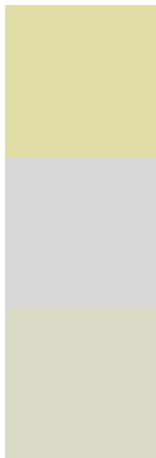
Original Color
169, 224, 166

Protanomaly
178, 230, 165

Deuteranomaly
219, 244, 169

Tritanomaly
229, 224, 206

Monochromacy



Original Color
169, 224, 166

Achromatopsia
216, 216, 216

Achromatomaly
199, 219, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 224, 166 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(224, 221, 166)` looks like.

```
.text, #text, p{  
    color:rgb(224, 221, 166)  
}
```

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(224, 221, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 166) }
```

Border

The CSS property to change the border of an element to RYB 169, 224, 166 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(224, 221, 166) }
```

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

```
.border{ border-color:rgb(224, 221, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 221, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 166);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 169, 224, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 221, 166) }
```

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

```
.background{ background-color: rgb(224,  
221, 166) }
```

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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