

Converting Colors

RGB(201, 224, 149)

Have a look what the booklet for
RGB(201, 224, 149) contains.

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Color

RGB(201, 224, 149)

Conversions

Conversions Part 1

Format	Color
Hex	C9E095
RGB	201, 224, 149
RGB Percent	79%, 88%, 58%
CMY	0.2118, 0.1216, 0.4157
CMYK	0.10, 0.00, 0.33, 0.12
HSL	78°, 55%, 73%
HSV	78°, 33%, 88%
XYZ	56.1679, 67.8987, 38.5792
YIQ	208.5730, 10.3670, -28.2010

Conversions

Conversions Part 2

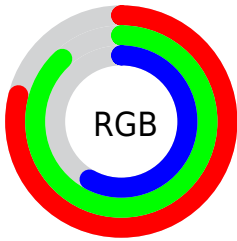
Format	Color
RYB	149, 224, 172
Decimal	13230229
CIELab	85.96, -19.88, 34.26
CIELCh	86, 39.612, 120.123
Yxy	67.8987, 0.3453, 0.4175
Android (android.graphics.Color)	4291420309 (0xFFC9E095)
YUV	208.5730, -29.3695, -6.6415
Hunter-Lab	82.4007, -22.5279, 29.9215

Details

The RGB color **201, 224, 149** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **172, 149, 224**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 204**, and **146, 169, 97** is the 20% darker color. If you saturate the color by 10%, you get **194, 224, 127**, and if you desaturate by 10%, it is **208, 224, 171**.

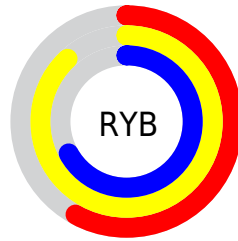
Distribution



Red (79%)

Green (88%)

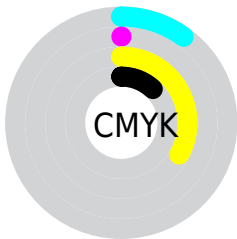
Blue (58%)



Red (58%)

Yellow (88%)

Blue (67%)

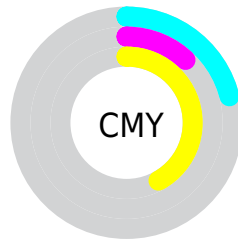


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (12%)



Cyan (21%)

Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 224, 149 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 RGB color 201, 224, 149 by changing the saturation by 10% instead.

 201, 224, 149

 201, 224, 149

255, 255, 255

 173, 196, 123

 255, 255, 204

 146, 169, 97

 255, 255, 232

 120, 142, 73

 94, 117, 49

 69, 92, 25

 45, 68, 0

 22, 46, 0

 0, 27, 0

 0, 0, 0

 201, 224, 149


 201, 224, 149

 194, 224, 127

 208, 224, 171

 187, 224, 104

 215, 224, 194

 180, 224, 82


 222, 224, 216

 174, 224, 59

 228, 224, 239

 167, 224, 37

 235, 224, 255

 160, 224, 15

 242, 224, 255

 155, 224, 0

 249, 224, 255

 255, 224, 255

Harmonies

Analogous

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



240, 213, 140



201, 224, 149



157, 232, 176

Triad

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



201, 224, 149



108, 229, 255



255, 187, 216

Complementary

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



201, 224, 149



172, 149, 224

Split Complementary

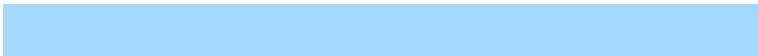
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 193, 253



201, 224, 149



164, 218, 255

Square

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



201, 224, 149



83, 234, 251



220, 205, 255



255, 189, 179

Rectangle

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



201, 224, 149



127, 235, 201



220, 205, 255



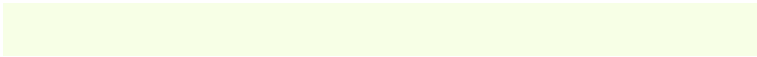
255, 188, 229

Sweetspot

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



201, 224, 149



247, 255, 230



224, 171, 149



123, 128, 112



0, 0, 0



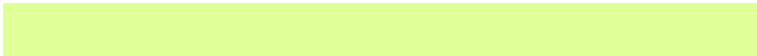
128, 128, 128

Same Dimension

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



201, 224, 149



224, 255, 153



164, 224, 149



109, 112, 101



122, 176, 0



34, 48, 0

Inverse Universe

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



172, 149, 224



184, 153, 255



209, 149, 224



104, 101, 112



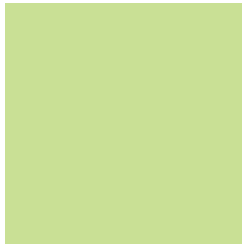
54, 0, 176



15, 0, 48

Previews

White Background



This preview shows how the RGB color 201, 224, 149 looks on a white background.

Color Contrast Check

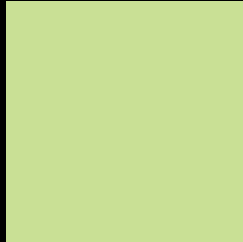
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 201, 224, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

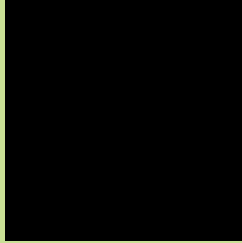
Any Text WCAG AA ✓ Pass

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](#).

RGB 201, 224, 149 Background



This preview shows how black text looks on a background with the RGB color 201, 224, 149.

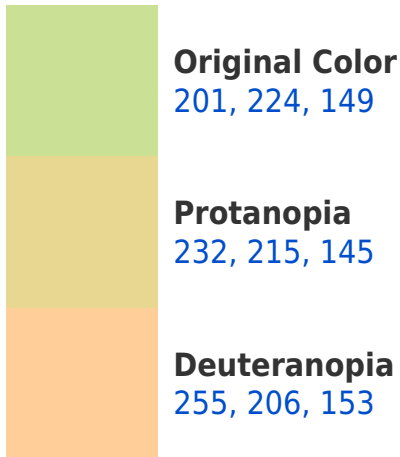


This preview shows how white text looks on a background with the RGB color 201, 224, 149.

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](#).

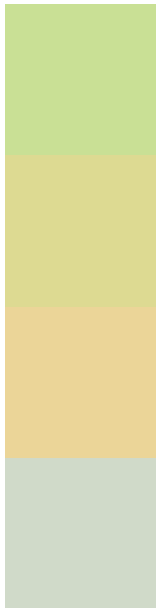
Dichromacy





Tritanopia
212, 214, 231

Trichromacy



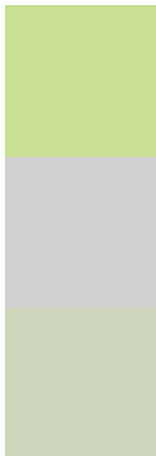
Original Color
201, 224, 149

Protanomaly
221, 218, 146

Deuteranomaly
235, 213, 152

Tritanomaly
208, 218, 201

Monochromacy



Original Color
201, 224, 149

Achromatopsia
209, 209, 209

Achromatomaly
206, 214, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 224, 149 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(201, 224, 149)` looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 149)  
}
```

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(201, 224, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 149) }
```

Border

The CSS property to change the border of an element to RGB 201, 224, 149 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(201, 224, 149) }
```

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

```
.border{ border-color:rgb(201, 224, 149) }
```

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

Here you see how a box with a 4 pixel rgb(201, 224, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 149);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 201, 224, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 149) }
```

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

```
.background{ background-color: rgb(201,  
224, 149) }
```

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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