

Converting Colors

RGB(209, 224, 155)

Have a look what the booklet for
RGB(209, 224, 155) contains.

RGB(209, 224, 155)	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

RGB(209, 224, 155)

Conversions

Conversions Part 1

Format	Color
Hex	D1E09B
RGB	209, 224, 155
RGB Percent	82%, 88%, 61%
CMY	0.1804, 0.1216, 0.3922
CMYK	0.07, 0.00, 0.31, 0.12
HSL	73°, 53%, 74%
HSV	73°, 31%, 88%
XYZ	58.8665, 69.2332, 41.2711
YIQ	211.6490, 13.2090, -24.6390

Conversions

Conversions Part 2

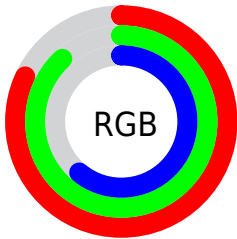
Format	Color
RYB	155, 224, 170
Decimal	13754523
CIELab	86.62, -16.13, 32.19
CIELCh	87, 36.002, 116.609
Yxy	69.2332, 0.3476, 0.4088
Android (android.graphics.Color)	4291944603 (0xFFD1E09B)
YUV	211.6490, -27.9280, -2.3232
Hunter-Lab	83.2065, -19.3270, 28.8362

Details

The RGB color **209, 224, 155** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **170, 155, 224**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 210**, and **154, 169, 103** is the 20% darker color. If you saturate the color by 10%, you get **204, 224, 133**, and if you desaturate by 10%, it is **214, 224, 177**.

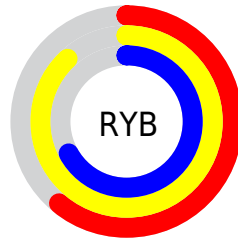
Distribution



Red (82%)

Green (88%)

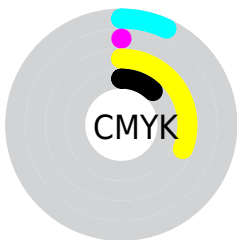
Blue (61%)



Red (61%)

Yellow (88%)

Blue (67%)

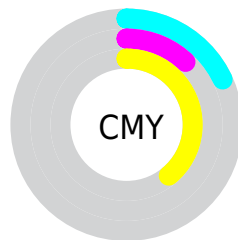


Cyan (7%)

Magenta (0%)

Yellow (31%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 224, 155 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 209, 224, 155 by changing the saturation by 10% instead.


 209, 224, 155

255, 255, 255

 255, 255, 210


 255, 255, 238

 209, 224, 155

 181, 196, 129


 154, 169, 103

 127, 142, 78

 101, 117, 54

 77, 92, 31

 52, 69, 7

 31, 46, 0

 0, 27, 0

 0, 0, 0

 209, 224, 155

 209, 224, 155

 204, 224, 133


 214, 224, 177

 199, 224, 110

 219, 224, 200

 194, 224, 88


 224, 224, 222

 190, 224, 65

 228, 224, 245

 185, 224, 43

 233, 224, 255

 180, 224, 21

 238, 224, 255

 175, 224, 0

 243, 224, 255

 248, 224, 255

 253, 224, 255

Harmonies

Analogous

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



245, 213, 149



209, 224, 155



169, 232, 178

Triad

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



209, 224, 155



121, 230, 255



255, 192, 222

Complementary

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



209, 224, 155



170, 155, 224

Split Complementary

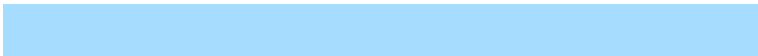
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 198, 255



209, 224, 155



166, 221, 255

Square

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



209, 224, 155



107, 235, 246



216, 209, 255



255, 193, 188

Rectangle

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



209, 224, 155



143, 235, 200



216, 209, 255



255, 193, 234

Sweetspot

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



209, 224, 155



250, 255, 232



224, 170, 155



124, 128, 113



0, 0, 0



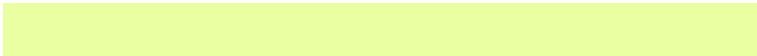
128, 128, 128

Same Dimension

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



209, 224, 155



234, 255, 161



175, 224, 155



110, 112, 101



138, 176, 0



38, 48, 0

Inverse Universe

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



170, 155, 224



181, 161, 255



204, 155, 224



103, 101, 112



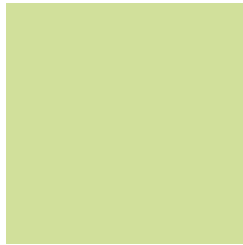
38, 0, 176



11, 0, 48

Previews

White Background



This preview shows how the RGB color 209, 224, 155 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 209, 224, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

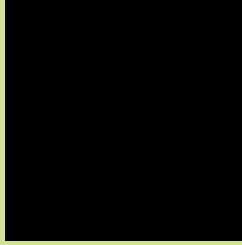
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

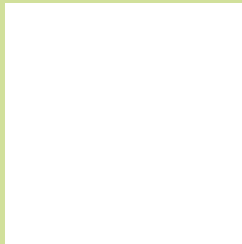
Any Text WCAG AAA ✓ Pass

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

RGB 209, 224, 155 Background



This preview shows how black text looks on a background with the RGB color 209, 224, 155.

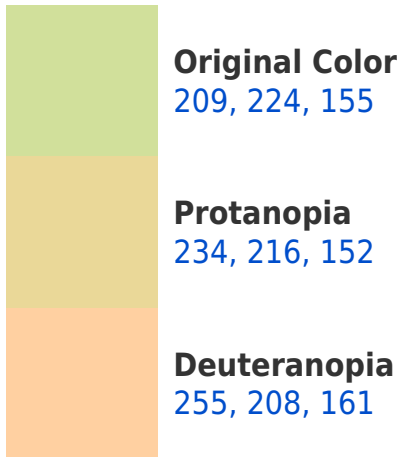


This preview shows how white text looks on a background with the RGB color 209, 224, 155.

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](#).

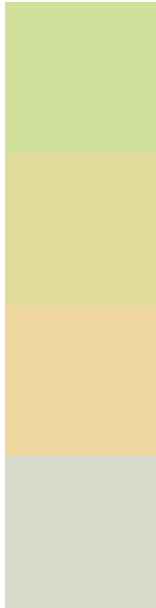
Dichromacy





Tritanopia
219, 214, 231

Trichromacy



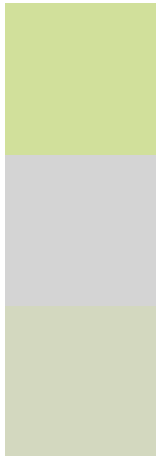
Original Color
209, 224, 155

Protanomaly
225, 219, 153

Deuteranomaly
238, 214, 159

Tritanomaly
215, 218, 203

Monochromacy



Original Color
209, 224, 155

Achromatopsia
212, 212, 212

Achromatomaly
211, 216, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 224, 155 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(209, 224, 155)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 155)  
}
```

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(209, 224, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 155) }
```

Border

The CSS property to change the border of an element to RGB 209, 224, 155 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(209, 224, 155) }
```

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

```
.border{ border-color:rgb(209, 224, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 224, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 224, 155); box-shadow:4px 4px 4px 4px rgb(209, 224, 155) }
```

Background

The CSS property to change the background color of an element to RGB 209, 224, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 155) }
```

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

```
.background{ background-color: rgb(209,  
224, 155) }
```

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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