

Converting Colors

RGB(202, 242, 155)

Have a look what the booklet for
RGB(202, 242, 155) contains.

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Color

RGB(202, 242, 155)

Conversions

Conversions Part 1

Format	Color
Hex	CAF29B
RGB	202, 242, 155
RGB Percent	79%, 95%, 61%
CMY	0.2078, 0.0510, 0.3922
CMYK	0.17, 0.00, 0.36, 0.05
HSL	88°, 77%, 78%
HSV	88°, 36%, 95%
XYZ	62.0256, 78.4274, 42.8792
YIQ	220.1220, 4.0870, -35.5370

Conversions

Conversions Part 2

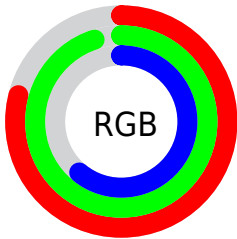
Format	Color
RYB	155, 242, 195
Decimal	13300379
CIELab	90.97, -27.41, 37.84
CIElCh	91, 46.723, 125.913
Yxy	78.4274, 0.3383, 0.4278
Android (android.graphics.Color)	4291490459 (0xFFCAF29B)
YUV	220.1220, -32.1051, -15.8930
Hunter-Lab	88.5592, -29.9598, 33.2840

Details

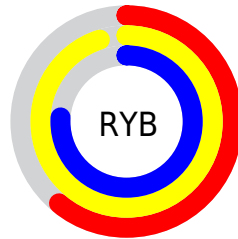
The RGB color **202, 242, 155** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **195, 155, 242**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 210**, and **147, 186, 103** is the 20% darker color. If you saturate the color by 10%, you get **191, 242, 131**, and if you desaturate by 10%, it is **213, 242, 179**.

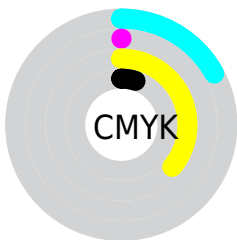
Distribution



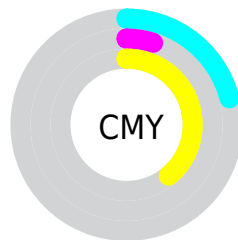
- Red (79%)
- Green (95%)
- Blue (61%)



- Red (61%)
- Yellow (95%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (36%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 242, 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 202, 242, 155 by changing the saturation by 10% instead.

 202, 242, 155

255, 255, 255

 255, 255, 210


 255, 255, 239

 202, 242, 155

 174, 214, 128

 147, 186, 103

 120, 159, 77

 94, 132, 53

 69, 107, 28

 44, 83, 1

 20, 59, 0

 0, 37, 0

 0, 7, 0

 202, 242, 155

 202, 242, 155

 191, 242, 131

 213, 242, 179

 180, 242, 107


 224, 242, 203

 169, 242, 82


 235, 242, 228


 157, 242, 58

 247, 242, 252

 146, 242, 34

 255, 242, 255

 135, 242, 10

 131, 242, 0

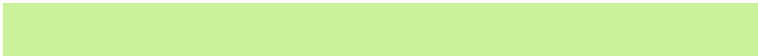
Harmonies

Analogous

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



250, 229, 139



202, 242, 155



147, 250, 191

Triad

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



202, 242, 155



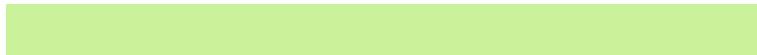
100, 244, 255



255, 194, 222

Complementary

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



202, 242, 155



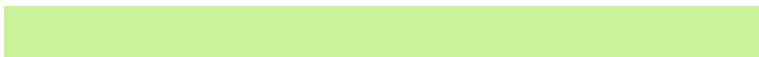
195, 155, 242

Split Complementary

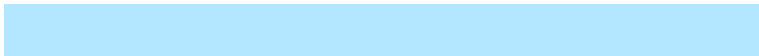
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



202, 242, 155



179, 231, 255

Square

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



202, 242, 155



36, 251, 255



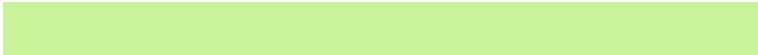
246, 214, 255



255, 200, 179

Rectangle

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



202, 242, 155



107, 253, 221



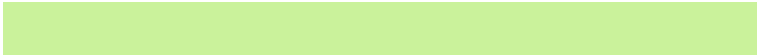
246, 214, 255



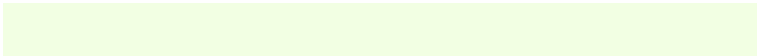
255, 195, 237

Sweetspot

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



202, 242, 155



242, 255, 227



242, 194, 155



120, 128, 111



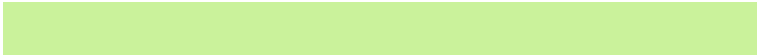
0, 0, 0



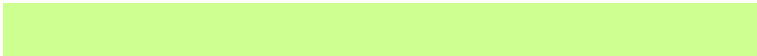
128, 128, 128

Same Dimension

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



202, 242, 155



205, 255, 145



159, 242, 155



114, 120, 108



99, 184, 0



30, 56, 0

Inverse Universe

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



195, 155, 242



196, 145, 255



238, 155, 242



113, 108, 120



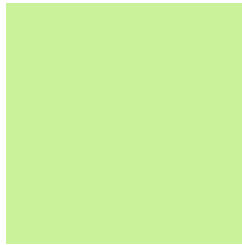
84, 0, 184



26, 0, 56

Previews

White Background



This preview shows how the RGB color 202, 242, 155 looks on a white background.

Color Contrast Check

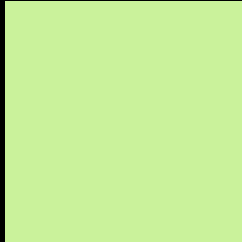
Large Text (above 18pt) WCAG AA × Fail

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 202, 242, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

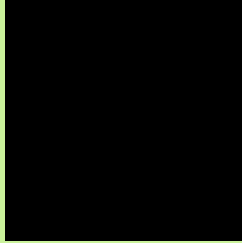
Any Text WCAG AA ✓ Pass

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 202, 242, 155 Background



This preview shows how black text looks on a background with the RGB color 202, 242, 155.



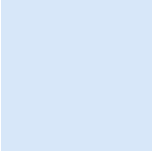
This preview shows how white text looks on a background with the RGB color 202, 242, 155.

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
215, 231, 249

Trichromacy



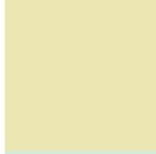
Original Color

202, 242, 155



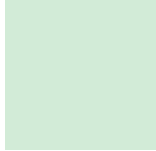
Protanomaly

231, 234, 152



Deuteranomaly

236, 230, 179



Tritanomaly

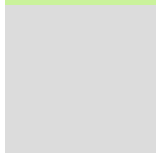
210, 235, 215

Monochromacy



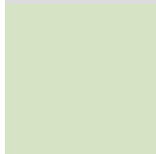
Original Color

202, 242, 155



Achromatopsia

220, 220, 220



Achromatomaly

213, 228, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 242, 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(202, 242, 155)` looks like.

```
.text, #text, p{  
    color:rgb(202, 242, 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(202, 242, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 242, 155) }
```

Border

The CSS property to change the border of an element to RGB 202, 242, 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(202, 242, 155) }
```

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

```
.border{ border-color:rgb(202, 242, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 242, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 242, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 242, 155);  
box-shadow:4px 4px 4px 4px rgb(202, 242,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 202, 242, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 242, 155) }
```

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

```
.background{ background-color: rgb(202,  
242, 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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