

Converting Colors

RGB(172, 203, 147)

Have a look what the booklet for
RGB(172, 203, 147) contains.

RGB(172, 203, 147)	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(172, 203, 147)

Conversions

Conversions Part 1

Format	Color
Hex	ACCB93
RGB	172, 203, 147
RGB Percent	67%, 80%, 58%
CMY	0.3255, 0.2039, 0.4235
CMYK	0.15, 0.00, 0.28, 0.20
HSL	93°, 35%, 69%
HSV	93°, 28%, 80%
XYZ	43.6357, 53.5891, 35.6477
YIQ	187.3470, -0.5000, -23.9880

Conversions

Conversions Part 2

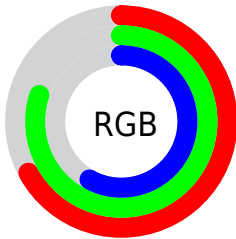
Format	Color
RYB	147, 203, 178
Decimal	11324307
CIELab	78.22, -20.41, 24.61
CIElCh	78, 31.969, 129.671
Yxy	53.5891, 0.3284, 0.4033
Android (android.graphics.Color)	4289514387 (0xFFACCB93)
YUV	187.3470, -19.8911, -13.4593
Hunter-Lab	73.2046, -21.7081, 22.3714

Details

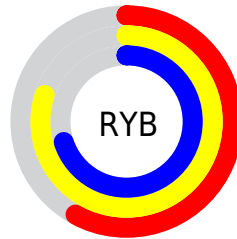
The RGB color **172, 203, 147** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **178, 147, 203**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **228, 255, 201**, and **119, 149, 96** is the 20% darker color. If you saturate the color by 10%, you get **161, 203, 127**, and if you desaturate by 10%, it is **183, 203, 167**.

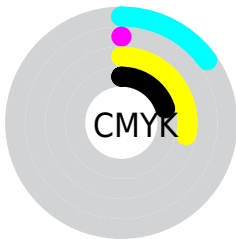
Distribution



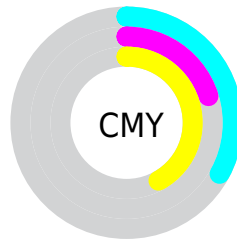
- Red (67%)
- Green (80%)
- Blue (58%)



- Red (58%)
- Yellow (80%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 203, 147 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 172, 203, 147 by changing the saturation by 10% instead.

 172, 203, 147

255, 255, 255


 228, 255, 201

 255, 255, 229

 172, 203, 147

 145, 176, 121

 119, 149, 96

 94, 123, 72

 69, 98, 49

 46, 74, 26

 23, 51, 2

 0, 31, 0


 0, 0, 0

 172, 203, 147

 172, 203, 147

 161, 203, 127

 183, 203, 167

 150, 203, 106

 194, 203, 188

 138, 203, 86


 206, 203, 208

 127, 203, 66


 217, 203, 228

 116, 203, 46


 228, 203, 249

 105, 203, 25

 239, 203, 255

 93, 203, 5

 251, 203, 255

 91, 203, 0

 255, 203, 255

Harmonies

Analogous

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



205, 195, 135



172, 203, 147



138, 208, 172

Triad

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



172, 203, 147



127, 202, 248



253, 171, 185

Complementary

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



172, 203, 147



178, 147, 203

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.



239, 174, 215



172, 203, 147



169, 193, 252

Square

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



172, 203, 147



101, 208, 230



210, 182, 239



249, 176, 157

Rectangle

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



172, 203, 147



117, 210, 192



210, 182, 239



250, 172, 195

Sweetspot

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



172, 203, 147



244, 255, 235



203, 178, 147



120, 128, 115



0, 0, 0



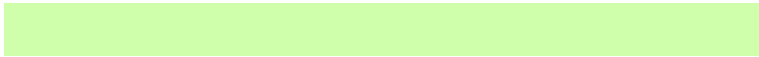
128, 128, 128

Same Dimension

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



172, 203, 147



208, 255, 171



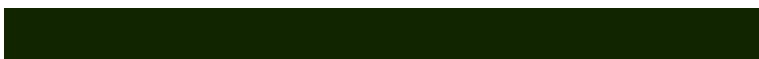
147, 203, 150



96, 102, 92



74, 166, 0



17, 38, 0

Inverse Universe

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



178, 147, 203



217, 171, 255



203, 147, 200



97, 92, 102



92, 0, 166



21, 0, 38

Previews

White Background



This preview shows how the RGB color 172, 203, 147 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 172, 203, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

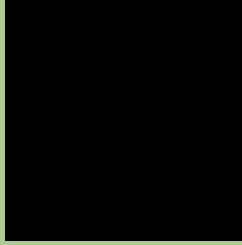
Any Text WCAG AA ✓ Pass

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 172, 203, 147 Background



This preview shows how black text looks on a background with the RGB color 172, 203, 147.

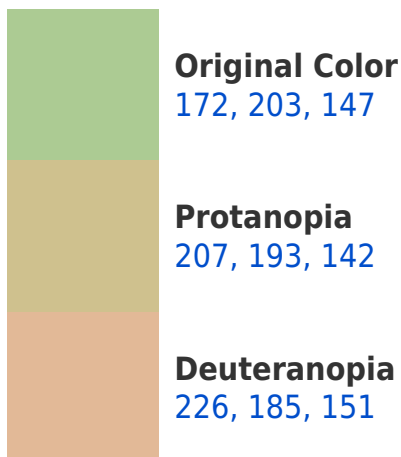


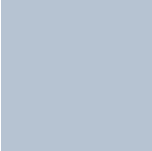
This preview shows how white text looks on a background with the RGB color 172, 203, 147.

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](#).

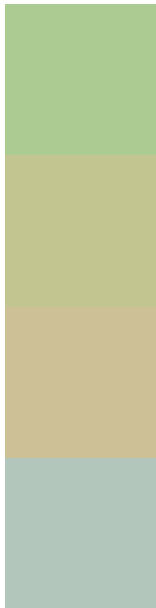
Dichromacy





Tritanopia
182, 195, 210

Trichromacy



Original Color
172, 203, 147

Protanomaly
194, 197, 144

Deuteranomaly
206, 192, 150

Tritanomaly
178, 198, 187

Monochromacy



Original Color
172, 203, 147

Achromatopsia
187, 187, 187

Achromatomaly
182, 193, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 203, 147 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(172, 203, 147)` looks like.

```
.text, #text, p{  
    color:rgb(172, 203, 147)  
}
```

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(172, 203, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 203, 147) }
```

Border

The CSS property to change the border of an element to RGB 172, 203, 147 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(172, 203, 147) }
```

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

```
.border{ border-color:rgb(172, 203, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 203, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 203, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 203, 147);  
box-shadow:4px 4px 4px 4px rgb(172, 203,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 172, 203, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 203, 147) }
```

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

```
.background{ background-color: rgb(172,  
203, 147) }
```

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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