

Converting Colors

RGB(164, 178, 135)

Have a look what the booklet for
RGB(164, 178, 135) contains.

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Color

RGB(164, 178, 135)

Conversions

Conversions Part 1

Format	Color
Hex	A4B287
RGB	164, 178, 135
RGB Percent	64%, 70%, 53%
CMY	0.3569, 0.3020, 0.4706
CMYK	0.08, 0.00, 0.24, 0.30
HSL	80°, 22%, 61%
HSV	80°, 24%, 70%
XYZ	35.6034, 41.4826, 29.0521
YIQ	168.9120, 5.4590, -16.3410

Conversions

Conversions Part 2

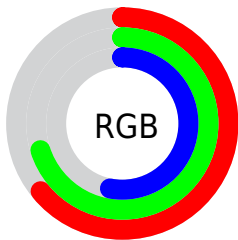
Format	Color
RYB	135, 178, 149
Decimal	10793607
CIELab	70.51, -12.47, 20.40
CIELCh	71, 23.912, 121.431
Yxy	41.4826, 0.3354, 0.3908
Android (android.graphics.Color)	4288983687 (0xFFA4B287)
YUV	168.9120, -16.7186, -4.3078
Hunter-Lab	64.4070, -14.0395, 18.3409

Details

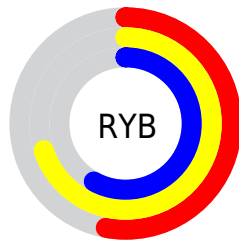
The RGB color **164, 178, 135** is a light color, and the websafe version is hex **999966**. A complement of this color would be **149, 135, 178**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **219, 234, 188**, and **112, 125, 85** is the 20% darker color. If you saturate the color by 10%, you get **158, 178, 117**, and if you desaturate by 10%, it is **170, 178, 153**.

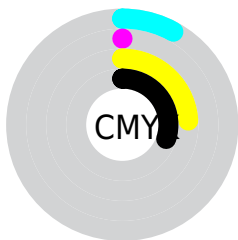
Distribution



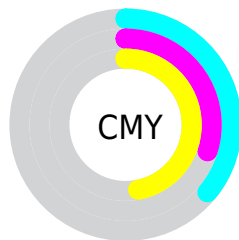
- Red (64%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (70%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)




- Cyan (36%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 178, 135 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 164, 178, 135 by changing the saturation by 10% instead.

 164, 178, 135


255, 255, 255

 219, 234, 188

 248, 255, 216

 255, 255, 245


 164, 178, 135

 137, 151, 110

 112, 125, 85

 87, 100, 61


 63, 76, 39

 41, 54, 18

 21, 32, 0


 0, 4, 0


 0, 0, 0

 164, 178, 135


 164, 178, 135


 158, 178, 117


 170, 178, 153

 152, 178, 99


 176, 178, 171

 147, 178, 82

 181, 178, 188

 141, 178, 64


 187, 178, 206

 135, 178, 46

 193, 178, 224


 129, 178, 28


 199, 178, 242

 123, 178, 10

 205, 178, 255

 120, 178, 0

 210, 178, 255

 216, 178, 255

Harmonies

Analogous

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



188, 171, 129



164, 178, 135



139, 183, 151

Triad

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



164, 178, 135



121, 180, 210



215, 157, 172

Complementary

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



164, 178, 135



149, 135, 178

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.



201, 160, 194



164, 178, 135



148, 174, 216

Square

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



164, 178, 135



110, 184, 194



177, 167, 209



216, 159, 151

Rectangle

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



164, 178, 135



124, 184, 165



177, 167, 209



212, 157, 180

Sweetspot

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



164, 178, 135



227, 232, 216



178, 149, 135



114, 117, 108



245, 245, 245



117, 117, 117

Same Dimension

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



164, 178, 135



210, 232, 165



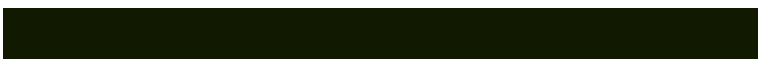
143, 178, 135



86, 89, 80



103, 153, 0



17, 26, 0

Inverse Universe

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



149, 135, 178



187, 165, 232



170, 135, 178



83, 80, 89



50, 0, 153



8, 0, 26

Previews

White Background



This preview shows how the RGB color 164, 178, 135 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 164, 178, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

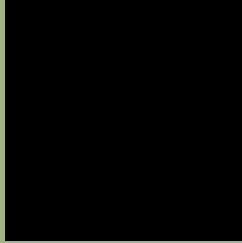
Any Text WCAG AA ✓ Pass

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 164, 178, 135 Background



This preview shows how black text looks on a background with the RGB color 164, 178, 135.

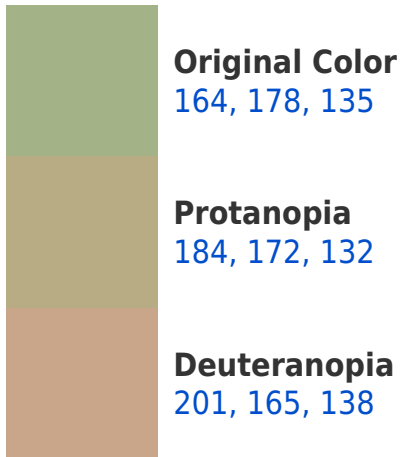



This preview shows how white text looks on a background with the RGB color 164, 178, 135.

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](#).

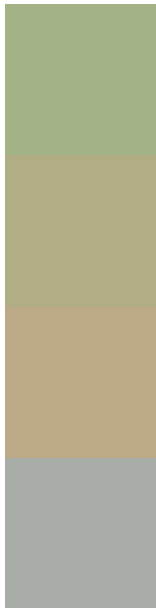
Dichromacy





Tritanopia
171, 171, 185

Trichromacy



Original Color
164, 178, 135

Protanomaly
177, 174, 133

Deuteranomaly
188, 170, 137

Tritanomaly
168, 174, 167

Monochromacy



Original Color
164, 178, 135

Achromatopsia
169, 169, 169

Achromatomaly
167, 172, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 178, 135 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(164, 178, 135)` looks like.

```
.text, #text, p{  
    color:rgb(164, 178, 135)  
}
```

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(164, 178, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 178, 135) }
```

Border

The CSS property to change the border of an element to RGB 164, 178, 135 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(164, 178, 135) }
```

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

```
.border{ border-color:rgb(164, 178, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 178, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 178, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 178, 135);  
box-shadow:4px 4px 4px 4px rgb(164, 178,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 164, 178, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 178, 135) }
```

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

```
.background{ background-color: rgb(164,  
178, 135) }
```

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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