

Converting Colors

RGB(153, 213, 185)

Have a look what the booklet for
RGB(153, 213, 185) contains.

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Color

RGB(153, 213, 185)

Conversions

Conversions Part 1

Format	Color
Hex	99D5B9
RGB	153, 213, 185
RGB Percent	60%, 84%, 73%
CMY	0.4000, 0.1647, 0.2745
CMYK	0.28, 0.00, 0.13, 0.16
HSL	152°, 42%, 72%
HSV	152°, 28%, 84%
XYZ	45.6881, 57.8636, 54.6597
YIQ	191.8680, -26.7720, -21.4280

Conversions

Conversions Part 2

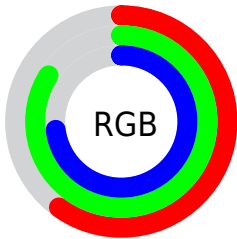
Format	Color
RYB	153, 192, 213
Decimal	10081721
CIELab	80.66, -24.98, 7.71
CIELCh	81, 26.139, 162.849
Yxy	57.8636, 0.2888, 0.3657
Android (android.graphics.Color)	4288271801 (0xFF99D5B9)
YUV	191.8680, -3.3859, -34.0872
Hunter-Lab	76.0681, -25.9084, 10.6441

Details

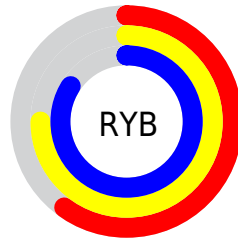
The RGB color **153, 213, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **213, 153, 181**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **209, 255, 241**, and **100, 158, 132** is the 20% darker color. If you saturate the color by 10%, you get **132, 213, 175**, and if you desaturate by 10%, it is **174, 213, 195**.

Distribution



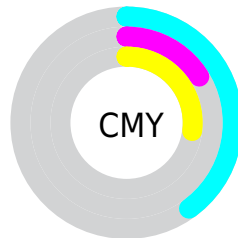
- Red (60%)
- Green (84%)
- Blue (73%)



- Red (60%)
- Yellow (75%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)



- Cyan (40%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 153, 213, 185 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 153, 213, 185 by changing the saturation by 10% instead.


 153, 213, 185

 153, 213, 185


255, 255, 255

 126, 185, 158

 209, 255, 241

 100, 158, 132

 237, 255, 255

 75, 132, 107

 49, 106, 83

 23, 82, 59

 0, 58, 38

 0, 37, 17

 0, 5, 0

 0, 0, 0

 153, 213, 185

 153, 213, 185

 132, 213, 175

 174, 213, 195

 110, 213, 165

 196, 213, 205

 89, 213, 155

 217, 213, 215

 68, 213, 145

 238, 213, 225

 47, 213, 135


 255, 213, 235

 25, 213, 125

 255, 213, 245

 4, 213, 115

 255, 213, 255

 0, 213, 114

 255, 213, 255

Harmonies

Analogous

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



180, 209, 164



153, 213, 185



134, 214, 210

Triad

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



153, 213, 185



185, 199, 248



247, 187, 168

Complementary

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



153, 213, 185



213, 153, 181

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.



250, 183, 190



153, 213, 185



217, 190, 236

Square

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



153, 213, 185



153, 207, 246



240, 184, 215



231, 194, 154

Rectangle

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



153, 213, 185



130, 213, 226



240, 184, 215



249, 185, 175

Sweetspot

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



153, 213, 185



235, 255, 245



181, 213, 153



115, 128, 122



0, 0, 0



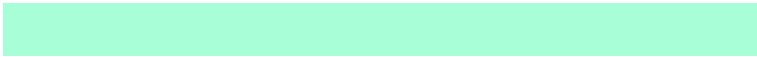
128, 128, 128

Same Dimension

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



153, 213, 185



168, 255, 215



153, 211, 213



96, 107, 102



0, 171, 91



0, 43, 23

Inverse Universe

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



213, 153, 181



255, 168, 209



213, 155, 153



107, 96, 101



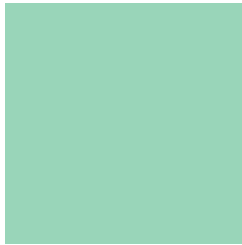
171, 0, 80



43, 0, 20

Previews

White Background



This preview shows how the RGB color 153, 213, 185 looks on a white background.

Color Contrast Check

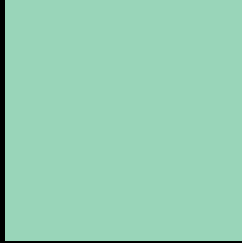
Large Text (above 18pt) WCAG AA × Fail

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 153, 213, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

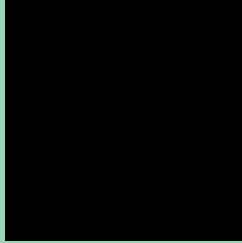
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

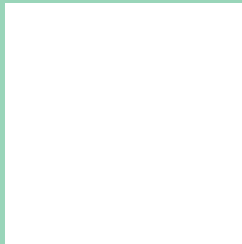
Any Text WCAG AAA ✓ Pass

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

RGB 153, 213, 185 Background



This preview shows how black text looks on a background with the RGB color 153, 213, 185.

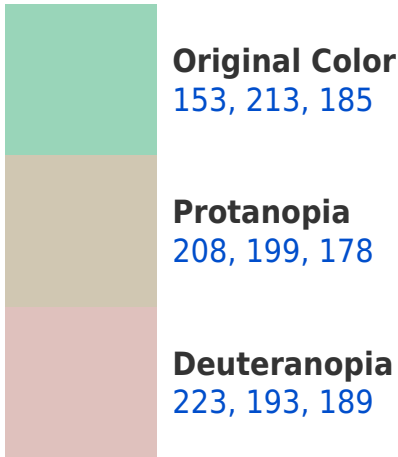


This preview shows how white text looks on a background with the RGB color 153, 213, 185.

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
161, 207, 224

Trichromacy



Original Color

153, 213, 185



Protanomaly

188, 204, 181



Deuteranomaly

198, 200, 188



Tritanomaly

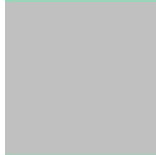
158, 209, 210

Monochromacy



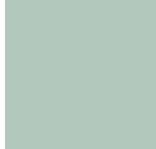
Original Color

153, 213, 185



Achromatopsia

192, 192, 192



Achromatomaly

178, 200, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 213, 185 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(153, 213, 185)` looks like.

```
.text, #text, p{  
    color:rgb(153, 213, 185)  
}
```

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(153, 213, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 213, 185) }
```

Border

The CSS property to change the border of an element to RGB 153, 213, 185 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(153, 213, 185) }
```

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

```
.border{ border-color:rgb(153, 213, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 213, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 213, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 213, 185); box-shadow:4px 4px 4px 4px rgb(153, 213, 185) }
```

Background

The CSS property to change the background color of an element to RGB 153, 213, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 213, 185) }
```

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

```
.background{ background-color: rgb(153,  
213, 185) }
```

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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