

Converting Colors

RGB(188, 191, 137)

Have a look what the booklet for
RGB(188, 191, 137) contains.

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Color

RGB(188, 191, 137)

Conversions

Conversions Part 1

Format	Color
Hex	BCBF89
RGB	188, 191, 137
RGB Percent	74%, 75%, 54%
CMY	0.2627, 0.2510, 0.4627
CMYK	0.02, 0.00, 0.28, 0.25
HSL	63°, 30%, 64%
HSV	63°, 28%, 75%
XYZ	43.8852, 49.7591, 30.9584
YIQ	183.9470, 15.5460, -17.4300

Conversions

Conversions Part 2

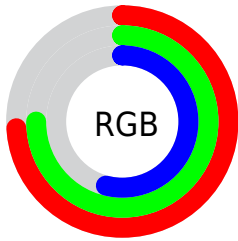
Format	Color
RYB	137, 191, 140
Decimal	12369801
CIELab	75.92, -9.76, 26.97
CIELCh	76, 28.683, 109.892
Yxy	49.7591, 0.3522, 0.3993
Android (android.graphics.Color)	4290559881 (0xFFBCBF89)
YUV	183.9470, -23.1449, 3.5545
Hunter-Lab	70.5401, -12.3949, 23.3571

Details

The RGB color **188, 191, 137** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **140, 137, 191**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **245, 247, 191**, and **134, 138, 87** is the 20% darker color. If you saturate the color by 10%, you get **187, 191, 118**, and if you desaturate by 10%, it is **189, 191, 156**.

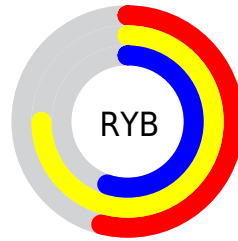
Distribution



Red (74%)

Green (75%)

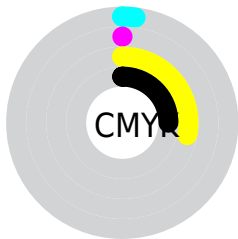
Blue (54%)



Red (54%)

Yellow (75%)

Blue (55%)

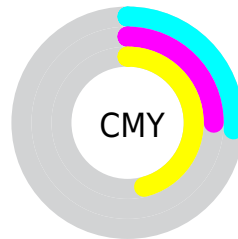


Cyan (2%)

Magenta (0%)

Yellow (28%)

Black (25%)



Cyan (26%)

Magenta (25%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 191, 137 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 188, 191, 137 by changing the saturation by 10% instead.

 188, 191, 137


255, 255, 255

 245, 247, 191


 255, 255, 219

 255, 255, 247

 188, 191, 137

 161, 164, 111

 134, 138, 87

 108, 112, 63

 83, 88, 40


 59, 65, 18


 38, 43, 0

 8, 23, 0

 0, 0, 0


 188, 191, 137


 188, 191, 137


 187, 191, 118

 189, 191, 156

 186, 191, 99


 190, 191, 175

 185, 191, 80


 191, 191, 194

 184, 191, 61


 192, 191, 213

 183, 191, 42

 193, 191, 233

 182, 191, 22

 194, 191, 252

 181, 191, 3

 195, 191, 255

 180, 191, 0

 196, 191, 255

 198, 191, 255

Harmonies

Analogous

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



215, 182, 135



188, 191, 137



158, 198, 152

Triad

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



188, 191, 137



113, 199, 227



234, 169, 197

Complementary

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



188, 191, 137



140, 137, 191

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.



212, 175, 221



188, 191, 137



141, 192, 239

Square

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



188, 191, 137



109, 202, 204



179, 184, 237



241, 168, 170

Rectangle

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



188, 191, 137



138, 201, 168



179, 184, 237



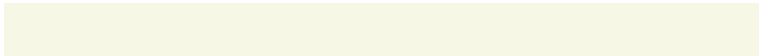
228, 170, 206

Sweetspot

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



188, 191, 137



246, 247, 228



191, 140, 137



124, 125, 112



252, 252, 252



125, 125, 125

Same Dimension

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



188, 191, 137



243, 247, 163



161, 191, 137



94, 94, 85



149, 158, 0



29, 31, 0

Inverse Universe

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



140, 137, 191



168, 163, 247



167, 137, 191



85, 85, 94



9, 0, 158



2, 0, 31

Previews

White Background



This preview shows how the RGB color 188, 191, 137 looks on a white background.

Color Contrast Check

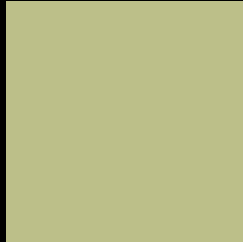
Large Text (above 18pt) WCAG AA × Fail

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 188, 191, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

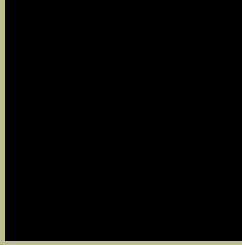
Any Text WCAG AA ✓ Pass

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 188, 191, 137 Background



This preview shows how black text looks on a background with the RGB color 188, 191, 137.



This preview shows how white text looks on a background with the RGB color 188, 191, 137.

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



Original Color
188, 191, 137

Protanopia
201, 187, 135

Deuteranopia
221, 179, 139



Tritanopia
196, 183, 198

Trichromacy



Original Color
188, 191, 137

Protanomaly
196, 188, 136

Deuteranomaly
209, 183, 138

Tritanomaly
193, 186, 176

Monochromacy



Original Color
188, 191, 137

Achromatopsia
184, 184, 184

Achromatomaly
185, 187, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 191, 137 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(188, 191, 137)` looks like.

```
.text, #text, p{  
    color:rgb(188, 191, 137)  
}
```

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(188, 191, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 191, 137) }
```

Border

The CSS property to change the border of an element to RGB 188, 191, 137 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(188, 191, 137) }
```

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

```
.border{ border-color:rgb(188, 191, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 191, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 191, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 191, 137);  
box-shadow:4px 4px 4px 4px rgb(188, 191,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 188, 191, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 191, 137) }
```

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

```
.background{ background-color: rgb(188,  
191, 137) }
```

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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