

Converting Colors

`RYB(137, 199, 158)`

Have a look what the booklet for
RYB(137, 199, 158) contains.

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Color

R_YB(137, 199, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B2C789
RGB	178, 199, 137
RGB Percent	70%, 78%, 54%
CMY	0.3020, 0.2196, 0.4627
CMYK	0.11, 0.00, 0.31, 0.22
HSL	80°, 36%, 66%
HSV	80°, 31%, 78%
XYZ	43.2989, 52.1180, 31.4446
YIQ	185.6530, 7.3860, -23.7340

Conversions

Conversions Part 2

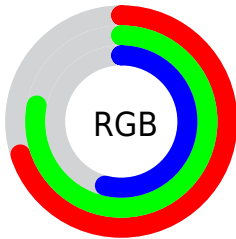
Format	Color
RYB	137, 199, 158
Decimal	11716489
CIELab	77.35, -17.65, 28.75
CIELCh	77, 33.739, 121.547
Yxy	52.1180, 0.3413, 0.4108
Android (android.graphics.Color)	4289906569 (0xFFB2C789)
YUV	185.6530, -23.9859, -6.7117
Hunter-Lab	72.1928, -19.2789, 24.7103

Details

The RYB color **137, 199, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 137, 199**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **191, 255, 212**, and **86, 145, 106** is the 20% darker color. If you saturate the color by 10%, you get **117, 199, 145**, and if you desaturate by 10%, it is **157, 199, 171**.

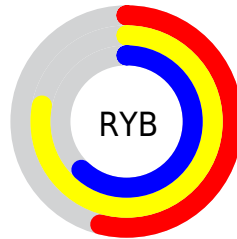
Distribution



Red (70%)

Green (78%)

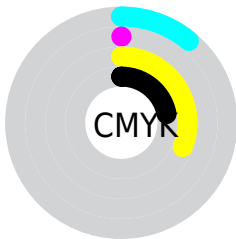
Blue (54%)



Red (54%)

Yellow (78%)

Blue (62%)

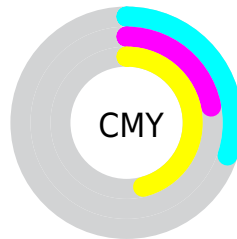


Cyan (11%)

Magenta (0%)

Yellow (31%)

Black (22%)



Cyan (30%)


Magenta (22%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 199, 158 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 RYB color 137, 199, 158 by changing the saturation by 10% instead.

 137, 199, 158


255, 255, 255


 191, 255, 212


 219, 255, 219

 248, 255, 248

 137, 199, 158

 111, 172, 132

 86, 145, 106

 62, 119, 82


 39, 95, 60


 17, 71, 37

 0, 48, 19


 0, 28, 28


 0, 0, 0

 137, 199, 158


 137, 199, 158

 117, 199, 145


 157, 199, 171


 97, 199, 131

 177, 199, 185


 77, 199, 118

 197, 199, 198

 57, 199, 105


 205, 199, 217

 38, 199, 93


 212, 199, 237

 18, 199, 79

 218, 199, 255

 0, 199, 67

 225, 199, 255

 232, 199, 255

 239, 199, 255

Harmonies

Analogous

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



156, 211, 128



137, 199, 158



141, 190, 205

Triad

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



137, 199, 158



108, 164, 245



251, 168, 191

Complementary

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



137, 199, 158



158, 137, 199

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.



232, 172, 221



137, 199, 158



152, 181, 253

Square

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



137, 199, 158



88, 151, 223



197, 182, 244



252, 171, 160

Rectangle

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



137, 199, 158



117, 170, 208



197, 182, 244



247, 168, 201

Sweetspot

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



137, 199, 158



232, 255, 240



199, 169, 137



113, 128, 118



0, 0, 0



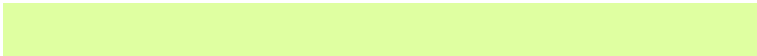
128, 128, 128

Same Dimension

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



137, 199, 158



161, 255, 193



137, 199, 189



90, 99, 93



0, 163, 55



0, 36, 12

Inverse Universe

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



158, 137, 199



193, 161, 255



189, 137, 199



93, 90, 99



55, 0, 163



12, 0, 36

Previews

White Background



This preview shows how the RYB color 137, 199, 158 looks on a white background.

Color Contrast Check

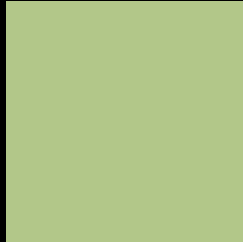
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 137, 199, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

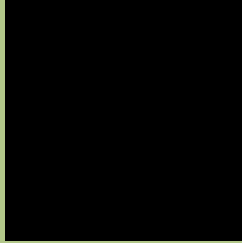
Any Text WCAG AA ✓ Pass

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](#).

R Y B 137, 199, 158 Background



This preview shows how black text looks on a background with the RYB color 137, 199, 158.

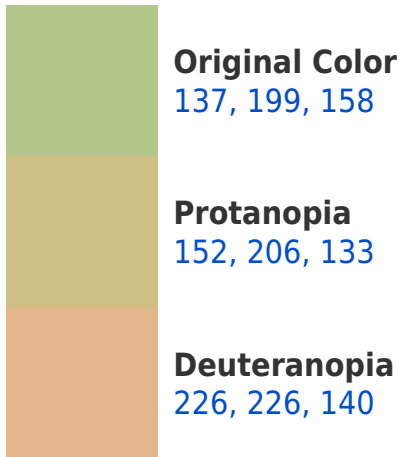


This preview shows how white text looks on a background with the RYB color 137, 199, 158.

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
187, 190, 205

Trichromacy



Original Color
137, 199, 158

Protanomaly
136, 196, 134

Deuteranomaly
167, 209, 139

Tritanomaly
180, 193, 189

Monochromacy



Original Color
137, 199, 158

Achromatopsia
186, 186, 186

Achromatomaly
168, 191, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 199, 158 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(178, 199, 137) looks like.

```
.text, #text, p{  
    color:rgb(178, 199, 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(178, 199, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 199, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 199, 158 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(178, 199, 137) }
```

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

```
.border{ border-color:rgb(178, 199, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 199, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 199, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 199, 137);  
box-shadow:4px 4px 4px 4px rgb(178, 199,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 199, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 199, 137) }
```

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

```
.background{ background-color: rgb(178,  
199, 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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