

Converting Colors

`RYB(137, 196, 167)`

Have a look what the booklet for
RYB(137, 196, 167) contains.

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Color

R_YB(137, 196, 167)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A6C489 |
| RGB | 166, 196, 137 |
| RGB Percent | 65%, 77%, 54% |
| CMY | 0.3490, 0.2314, 0.4627 |
| CMYK | 0.15, 0.00, 0.30, 0.23 |
| HSL | 91°, 33%, 65% |
| HSV | 91°, 30%, 77% |
| XYZ | 39.9812, 49.3930, 31.0935 |
| YIQ | 180.3040, 1.0590, -24.7090 |

Conversions

Conversions Part 2

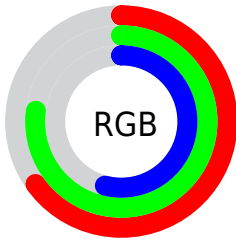
| Format | Color |
|-------------------------------------|--|
| RYB | 137, 196, 167 |
| Decimal | 10929289 |
| CIELab | 75.70, -20.60, 26.39 |
| CIELCh | 76, 33.480, 127.978 |
| Yxy | 49.3930, 0.3319, 0.4100 |
| Android (android.graphics.Color) | 4289119369 (0xFFA6C489) |
| YUV | 180.3040, -21.3489, -12.5446 |
| Hunter-Lab | 70.2801, -21.4447, 22.9649 |

Details

The RYB color **137, 196, 167** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **167, 137, 196**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **191, 253, 222**, and **87, 142, 116** is the 20% darker color. If you saturate the color by 10%, you get **117, 196, 157**, and if you desaturate by 10%, it is **157, 196, 177**.

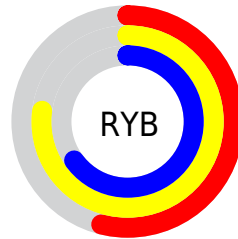
Distribution



Red (65%)

Green (77%)

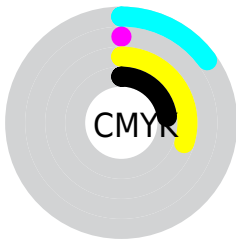
Blue (54%)



Red (54%)

Yellow (77%)

Blue (65%)

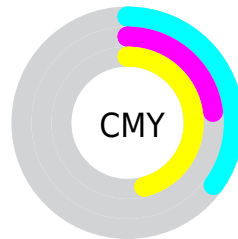


Cyan (15%)

Magenta (0%)

Yellow (30%)

Black (23%)



Cyan (35%)

Magenta (23%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 196, 167 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, 196, 167 by changing the saturation by 10% instead.

 137, 196, 167


255, 255, 255


 191, 253, 222

 219, 255, 224

 247, 255, 247

 137, 196, 167

 111, 169, 141

 87, 142, 116

 63, 117, 92


 40, 92, 68


 17, 68, 45


 0, 46, 26


 0, 27, 27


 0, 0, 0

 137, 196, 167


 137, 196, 167

 117, 196, 157


 157, 196, 177


 98, 196, 148


 176, 196, 186


 78, 196, 138


 196, 196, 196

 59, 196, 129

 206, 196, 215

 39, 196, 119

 216, 196, 235

 19, 196, 109

 226, 196, 255

 0, 196, 100

 236, 196, 255

 246, 196, 255

 255, 196, 255

Harmonies

Analogous

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



141, 200, 125



137, 196, 167



130, 180, 202

Triad

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



137, 196, 167



112, 163, 243



247, 163, 179

Complementary

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



137, 196, 167



167, 137, 196

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.



233, 167, 210



137, 196, 167



158, 180, 247

Square

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



137, 196, 167



85, 148, 223



201, 176, 235



245, 171, 150

Rectangle

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



137, 196, 167



106, 160, 203



201, 176, 235



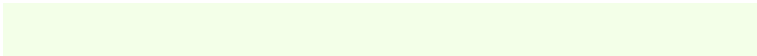
244, 164, 190

Sweetspot

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



137, 196, 167



232, 255, 244



194, 196, 137



113, 128, 121



0, 0, 0



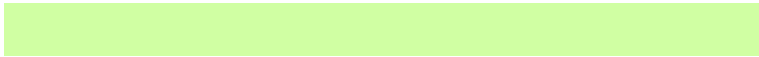
128, 128, 128

Same Dimension

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



137, 196, 167



163, 255, 210



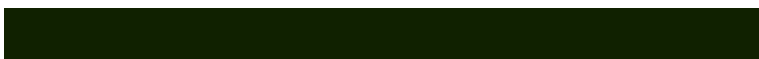
137, 196, 196



87, 97, 92



0, 161, 82



0, 33, 17

Inverse Universe

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



167, 137, 196



210, 163, 255



196, 137, 196



92, 87, 97



82, 0, 161



17, 0, 33

Previews

White Background



This preview shows how the RYB color 137, 196, 167 looks on a white background.

Color Contrast Check

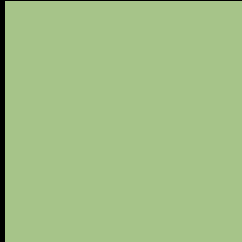
Large Text (above 18pt) WCAG AA × Fail

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, 196, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

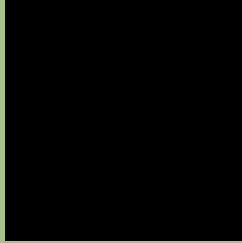
Any Text WCAG AA ✓ Pass

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](#).

RYB 137, 196, 167 Background



This preview shows how black text looks on a background with the RYB color 137, 196, 167.

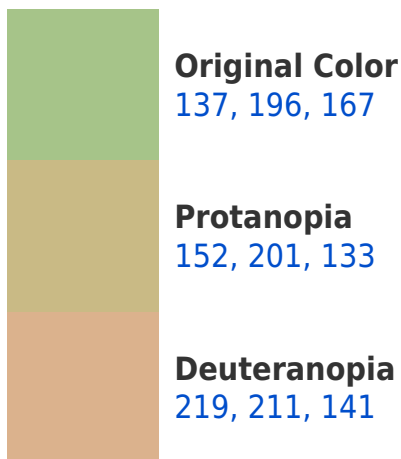


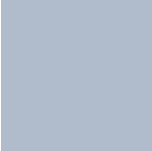
This preview shows how white text looks on a background with the RYB color 137, 196, 167.

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
176, 184, 203

Trichromacy



Original Color
137, 196, 167

Protanomaly
134, 190, 136

Deuteranomaly
160, 200, 140

Tritanomaly
172, 186, 191

Monochromacy



Original Color
137, 196, 167

Achromatopsia
180, 180, 180

Achromatomaly
164, 186, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 196, 167 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(166, 196, 137)` looks like.

```
.text, #text, p{  
    color:rgb(166, 196, 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(166, 196, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 196, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 196, 167 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(166, 196, 137) }
```

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

```
.border{ border-color:rgb(166, 196, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 196, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 196, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 196, 137);  
box-shadow:4px 4px 4px 4px rgb(166, 196,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 196, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 196, 137) }
```

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

```
.background{ background-color: rgb(166,  
196, 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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