

Converting Colors

`RYB(147, 194, 164)`

Have a look what the booklet for
RYB(147, 194, 164) contains.

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Color

R_YB(147, 194, 164)

Conversions

Conversions Part 1

Format	Color
Hex	B1C293
RGB	177, 194, 147
RGB Percent	69%, 76%, 58%
CMY	0.3059, 0.2392, 0.4235
CMYK	0.09, 0.00, 0.24, 0.24
HSL	82°, 28%, 67%
HSV	82°, 24%, 76%
XYZ	42.6897, 50.0373, 35.0119
YIQ	183.5590, 4.9550, -18.2210

Conversions

Conversions Part 2

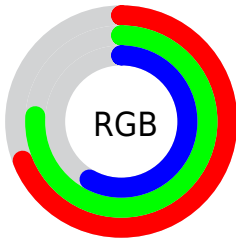
Format	Color
RYB	147, 194, 164
Decimal	11649683
CIELab	76.09, -14.04, 21.76
CIELCh	76, 25.895, 122.826
Yxy	50.0373, 0.3342, 0.3917
Android (android.graphics.Color)	4289839763 (0xFFB1C293)
YUV	183.5590, -18.0236, -5.7522
Hunter-Lab	70.7370, -16.0653, 20.1698

Details

The RYB color **147, 194, 164** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **164, 147, 194**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **201, 251, 219**, and **96, 140, 112** is the 20% darker color. If you saturate the color by 10%, you get **128, 194, 152**, and if you desaturate by 10%, it is **166, 194, 176**.

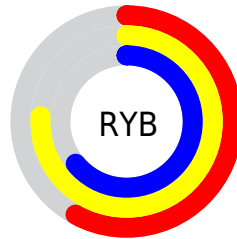
Distribution



Red (69%)

Green (76%)

Blue (58%)



Red (58%)

Yellow (76%)

Blue (64%)

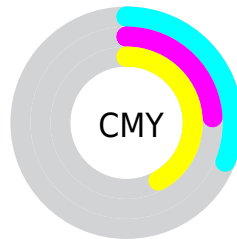


Cyan (9%)

Magenta (0%)

Yellow (24%)

Black (24%)



Cyan (31%)


Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 194, 164 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 147, 194, 164 by changing the saturation by 10% instead.


 147, 194, 164


255, 255, 255


 201, 251, 219

 229, 255, 229

 147, 194, 164

 121, 167, 138

 96, 140, 112

 72, 115, 88


 49, 90, 65


 27, 67, 43

 3, 45, 18

 0, 25, 25

 0, 0, 0

 147, 194, 164


 147, 194, 164

 128, 194, 152


 166, 194, 176

 108, 194, 139


 186, 194, 189


 89, 194, 127


 198, 194, 205

 69, 194, 114


 205, 194, 225

 50, 194, 102


 212, 194, 244

 31, 194, 90


 219, 194, 255

 11, 194, 77

 226, 194, 255

 0, 194, 70

 233, 194, 255

 240, 194, 255

Harmonies

Analogous

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



161, 203, 140



147, 194, 164



150, 188, 199

Triad

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



147, 194, 164



132, 171, 229



235, 170, 186

Complementary

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



147, 194, 164



164, 147, 194

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.



220, 174, 210



147, 194, 164



162, 182, 235

Square

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



147, 194, 164



118, 162, 213



194, 181, 228



235, 173, 163

Rectangle

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



147, 194, 164



133, 173, 201



194, 181, 228



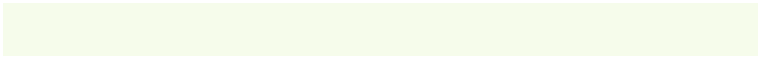
231, 171, 194

Sweetspot

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



147, 194, 164



235, 252, 241



194, 171, 147



117, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



147, 194, 164



179, 252, 205



147, 194, 187



87, 97, 91



0, 161, 58



0, 33, 12

Inverse Universe

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



164, 147, 194



206, 179, 252



187, 147, 194



91, 87, 97



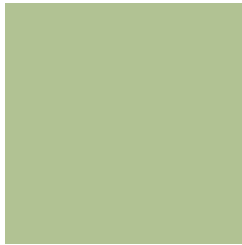
58, 0, 161



12, 0, 33

Previews

White Background



This preview shows how the RYB color 147, 194, 164 looks on a white background.

Color Contrast Check

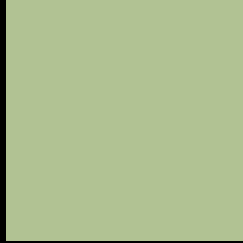
Large Text (above 18pt) WCAG AA × Fail

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 147, 194, 164 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 147, 194, 164 Background



This preview shows how black text looks on a background with the RYB color 147, 194, 164.



This preview shows how white text looks on a background with the RYB color 147, 194, 164.

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
147, 194, 164

Protanopia
161, 200, 144

Deuteranopia
218, 204, 150



Tritanopia
185, 187, 202

Trichromacy



Original Color
147, 194, 164

Protanomaly
147, 192, 145

Deuteranomaly
176, 203, 149

Tritanomaly
182, 190, 190

Monochromacy



Original Color
147, 194, 164

Achromatopsia
184, 184, 184

Achromatomaly
171, 188, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 194, 164 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(177, 194, 147) looks like.

```
.text, #text, p{  
    color:rgb(177, 194, 147)  
}
```

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(177, 194, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 194, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 194, 164 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(177, 194, 147) }
```

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

```
.border{ border-color:rgb(177, 194, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 194, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 194, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 194, 147);  
box-shadow:4px 4px 4px 4px rgb(177, 194,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 194, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 194, 147) }
```

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

```
.background{ background-color: rgb(177,  
194, 147) }
```

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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