

Converting Colors

`RYB(164, 201, 181)`

Have a look what the booklet for
RYB(164, 201, 181) contains.

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Color

`RYB(164, 201, 181)`

Conversions

Conversions Part 1	
Format	Color
Hex	B8C9A4
RGB	184, 201, 164
RGB Percent	72%, 79%, 64%
CMY	0.2784, 0.2118, 0.3569
CMYK	0.08, 0.00, 0.18, 0.21
HSL	88°, 26%, 72%
HSV	88°, 18%, 79%
XYZ	47.3546, 54.6440, 43.1734
YIQ	191.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

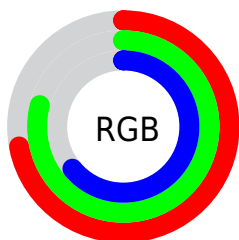
Format	Color
RYB	164, 201, 181
Decimal	12110244
CIELab	78.84, -12.40, 16.58
CIELCh	79, 20.700, 126.784
Yxy	54.6440, 0.3262, 0.3764
Android (android.graphics.Color)	4290300324 (0xFFB8C9A4)
YUV	191.6990, -13.6556, -6.7520
Hunter-Lab	73.9216, -15.0144, 17.1171

Details

The RYB color **164, 201, 181** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **181, 164, 201**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **219, 255, 234**, and **112, 147, 128** is the 20% darker color. If you saturate the color by 10%, you get **144, 201, 170**, and if you desaturate by 10%, it is **184, 201, 192**.

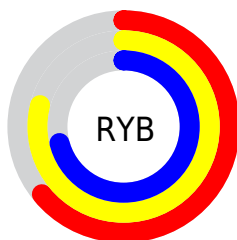
Distribution



Red (72%)

Green (79%)

Blue (64%)



Red (64%)

Yellow (79%)

Blue (71%)

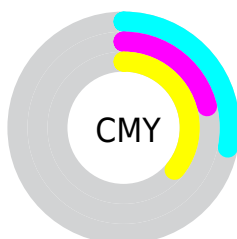


Cyan (8%)

Magenta (0%)

Yellow (18%)

Black (21%)



Cyan (28%)

Magenta (21%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 201, 181 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 164, 201, 181 by changing the saturation by 10% instead.


 164, 201, 181


255, 255, 255


 219, 255, 234

 248, 255, 248

 164, 201, 181


 138, 174, 155

 112, 147, 128

 88, 121, 104

 64, 96, 79

 42, 73, 57

 21, 50, 36

 0, 29, 13

 0, 0, 0

 164, 201, 181

 164, 201, 181

 144, 201, 170

 184, 201, 192

 124, 201, 159

 202, 201, 204

 104, 201, 149

 212, 201, 224

 84, 201, 138

 221, 201, 244

 64, 201, 127

 230, 201, 255

 43, 201, 115

 239, 201, 255

 23, 201, 105

 249, 201, 255

 3, 201, 94

 255, 201, 255

 0, 201, 92

Harmonies

Analogous

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



171, 206, 157



164, 201, 181



163, 193, 205

Triad

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



164, 201, 181



156, 184, 230



234, 182, 191

Complementary

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



164, 201, 181



181, 164, 201

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.



224, 184, 211



164, 201, 181



179, 191, 233

Square

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



164, 201, 181



144, 177, 217



204, 189, 226



234, 186, 173

Rectangle

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



164, 201, 181



151, 183, 206



204, 189, 226



232, 182, 198

Sweetspot

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



164, 201, 181



240, 255, 247



201, 195, 164



119, 128, 124



0, 0, 0



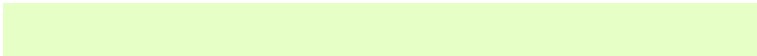
128, 128, 128

Same Dimension

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



164, 201, 181



199, 255, 225



164, 201, 199



90, 99, 94



0, 163, 75



0, 36, 17

Inverse Universe

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



181, 164, 201



225, 199, 255



199, 164, 201



94, 90, 99



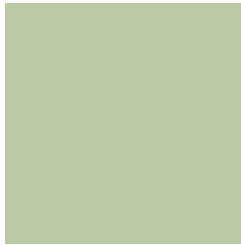
75, 0, 163



16, 0, 36

Previews

White Background



This preview shows how the RYB color 164, 201, 181 looks on a white background.

Color Contrast Check

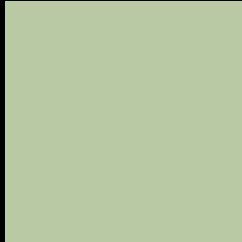
Large Text (above 18pt) WCAG AA × Fail

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 164, 201, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

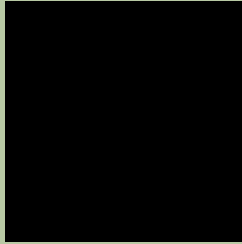
Any Text WCAG AA ✓ Pass

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 164, 201, 181 Background



This preview shows how black text looks on a background with the RYB color 164, 201, 181.



This preview shows how white text looks on a background with the RYB color 164, 201, 181.

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

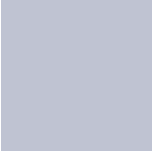
164, 201, 181

Protanopia

177, 206, 161

Deuteranopia



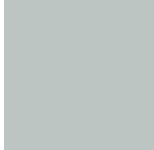
224, 200, 167



Tritanopia

191, 194, 210

Trichromacy

	Original Color 164, 201, 181
	Protanomaly 163, 198, 162
	Deuteranomaly 191, 209, 166
	Tritanomaly 188, 194, 197

Monochromacy

	Original Color 164, 201, 181
	Achromatopsia 192, 192, 192
	Achromatomaly 182, 195, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 201, 181 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(184, 201, 164) looks like.

```
.text, #text, p{  
    color:rgb(184, 201, 164)  
}
```

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(184, 201, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 201, 164) }
```

Border

The CSS property to change the border of an element to RYB 164, 201, 181 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(184, 201, 164) }
```

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

```
.border{ border-color:rgb(184, 201, 164) }
```

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

Here you see how a box with a 4 pixel rgb(184, 201, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 201, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 201, 164);  
box-shadow:4px 4px 4px 4px rgb(184, 201,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 184, 201, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 201, 164) }
```

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

```
.background{ background-color: rgb(184,  
201, 164) }
```

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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