

Converting Colors

`RYB(164, 199, 175)`

Have a look what the booklet for RYB(164, 199, 175) contains.

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Color

R_YB(164, 199, 175)

Conversions

Conversions Part 1

Format	Color
Hex	BCC7A4
RGB	188, 199, 164
RGB Percent	74%, 78%, 64%
CMY	0.2627, 0.2196, 0.3569
CMYK	0.06, 0.00, 0.18, 0.22
HSL	79°, 24%, 71%
HSV	79°, 18%, 78%
XYZ	47.8633, 54.2185, 43.0645
YIQ	191.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

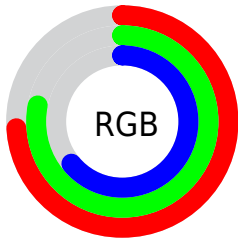
Format	Color
RYB	164, 199, 175
Decimal	12371876
CIELab	78.59, -9.92, 16.28
CIELCh	79, 19.060, 121.354
Yxy	54.2185, 0.3298, 0.3735
Android (android.graphics.Color)	4290561956 (0xFFBCC7A4)
YUV	191.7210, -13.6665, -3.2633
Hunter-Lab	73.6332, -12.8291, 16.8674

Details

The RYB color **164, 199, 175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175, 164, 199**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **219, 255, 230**, and **112, 145, 122** is the 20% darker color. If you saturate the color by 10%, you get **144, 199, 161**, and if you desaturate by 10%, it is **184, 199, 189**.

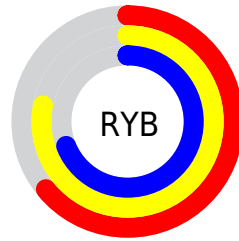
Distribution



Red (74%)

Green (78%)

Blue (64%)



Red (64%)

Yellow (78%)

Blue (69%)

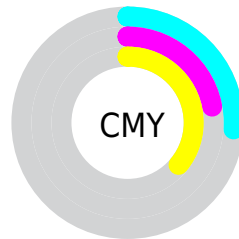


Cyan (6%)

Magenta (0%)

Yellow (18%)

Black (22%)



Cyan (26%)

Magenta (22%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 199, 175 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, 199, 175 by changing the saturation by 10% instead.

 164, 199, 175


255, 255, 255

 219, 255, 230

 248, 255, 248

 164, 199, 175


 138, 172, 149

 112, 145, 122

 88, 119, 98


 64, 95, 74

 42, 71, 52

 21, 49, 31

 0, 28, 8

 0, 0, 0


 164, 199, 175


 164, 199, 175


 144, 199, 161


 184, 199, 189

 124, 199, 148


 201, 199, 204

 104, 199, 134

 207, 199, 224

 84, 199, 120

 213, 199, 244

 65, 199, 107


 219, 199, 255

 45, 199, 94


 226, 199, 255

 25, 199, 80

 232, 199, 255

 5, 199, 66

 238, 199, 255

 0, 199, 63

 244, 199, 255

Harmonies

Analogous

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



181, 208, 159



164, 199, 175



168, 196, 203

Triad

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



164, 199, 175



156, 183, 225



230, 182, 194

Complementary

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



164, 199, 175



175, 164, 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.



218, 185, 212



164, 199, 175



176, 191, 230

Square

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



164, 199, 175



147, 177, 212



199, 190, 225



231, 184, 177

Rectangle

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



164, 199, 175



157, 185, 204



199, 190, 225



227, 183, 200

Sweetspot

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



164, 199, 175



242, 255, 246



199, 180, 164



120, 128, 123



0, 0, 0



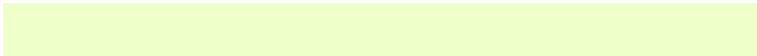
128, 128, 128

Same Dimension

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



164, 199, 175



201, 255, 218



164, 199, 192



90, 99, 93



0, 163, 51



0, 36, 12

Inverse Universe

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



175, 164, 199



218, 201, 255



192, 164, 199



93, 90, 99



51, 0, 163



11, 0, 36

Previews

White Background



This preview shows how the RYB color 164, 199, 175 looks on a white background.

Color Contrast Check

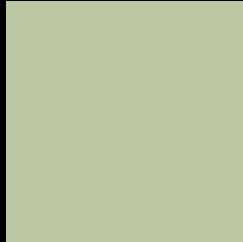
Large Text (above 18pt) WCAG AA × Fail

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, 199, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

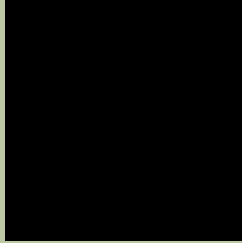
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

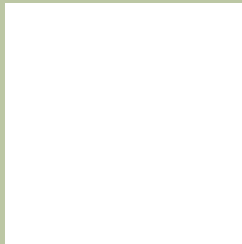
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 164, 199, 175 Background



This preview shows how black text looks on a background with the RYB color 164, 199, 175.

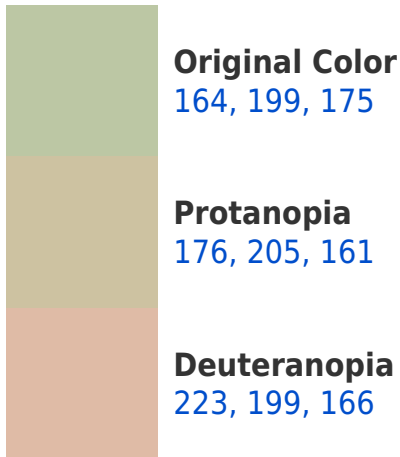



This preview shows how white text looks on a background with the RYB color 164, 199, 175.

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
194, 193, 208

Trichromacy



Original Color

164, 199, 175

Protanomaly

165, 199, 162

Deuteranomaly

198, 210, 165

Tritanomaly

192, 195, 195

Monochromacy



Original Color

164, 199, 175

Achromatopsia

192, 192, 192

Achromatomaly

182, 195, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 199, 175 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, 199, 164)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 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(188, 199, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 164) }
```

Border

The CSS property to change the border of an element to RYB 164, 199, 175 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, 199, 164) }
```

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

```
.border{ border-color:rgb(188, 199, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 199, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 199, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 199, 164);  
box-shadow:4px 4px 4px 4px rgb(188, 199,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 164, 199, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 199, 164) }
```

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

```
.background{ background-color: rgb(188,  
199, 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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