

Converting Colors

`RYB(164, 210, 199)`

Have a look what the booklet for
RYB(164, 210, 199) contains.

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Color

R_YB(164, 210, 199)

Conversions

Conversions Part 1

Format	Color
Hex	AFD2A4
RGB	175, 210, 164
RGB Percent	69%, 82%, 64%
CMY	0.3137, 0.1765, 0.3569
CMYK	0.17, 0.00, 0.22, 0.18
HSL	106°, 34%, 73%
HSV	106°, 22%, 82%
XYZ	47.4266, 57.8875, 43.7957
YIQ	194.2910, -6.0940, -21.7260

Conversions

Conversions Part 2

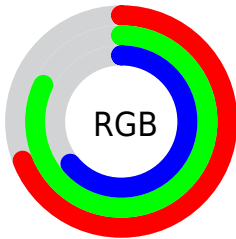
Format	Color
RYB	164, 210, 199
Decimal	11522724
CIELab	80.68, -20.13, 19.05
CIElCh	81, 27.712, 136.577
Yxy	57.8875, 0.3181, 0.3882
Android (android.graphics.Color)	4289712804 (0xFFAFD2A4)
YUV	194.2910, -14.9335, -16.9182
Hunter-Lab	76.0838, -21.8792, 19.1299

Details

The RYB color **164, 210, 199** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 164, 210**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **219, 255, 243**, and **112, 155, 145** is the 20% darker color. If you saturate the color by 10%, you get **143, 210, 194**, and if you desaturate by 10%, it is **185, 210, 204**.

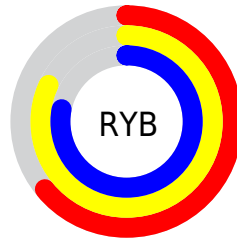
Distribution



Red (69%)

Green (82%)

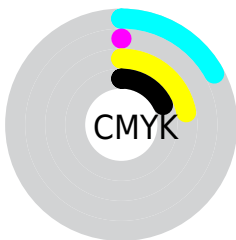
Blue (64%)



Red (64%)

Yellow (82%)

Blue (78%)

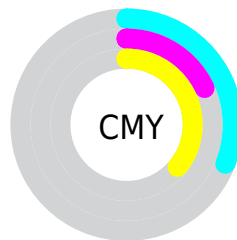


Cyan (17%)

Magenta (0%)

Yellow (22%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 210, 199 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, 210, 199 by changing the saturation by 10% instead.

 164, 210, 199

255, 255, 255


 219, 255, 243

 248, 255, 248


 164, 210, 199

 138, 182, 172

 112, 155, 145

 87, 129, 119

 64, 104, 96

 41, 80, 72

 20, 57, 51

 0, 35, 29

 0, 5, 5

 0, 0, 0

 164, 210, 199

 164, 210, 199

 143, 210, 194

 185, 210, 204

 122, 210, 189

 206, 210, 209

 101, 210, 184

 223, 210, 227

 80, 210, 179

 239, 210, 248

 59, 210, 174

 255, 210, 255

 38, 210, 169

 17, 210, 164

 0, 210, 160

Harmonies

Analogous

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



151, 204, 150



164, 210, 199



147, 189, 214

Triad

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



164, 210, 199



153, 187, 250



253, 182, 187

Complementary

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



164, 210, 199



199, 164, 210

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.



245, 183, 213



164, 210, 199



189, 197, 250

Square

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



164, 210, 199



128, 175, 237



222, 189, 236



248, 196, 164

Rectangle

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



164, 210, 199



132, 176, 215



222, 189, 236



252, 181, 195

Sweetspot

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



164, 210, 199



237, 255, 251



180, 210, 164



117, 128, 125



0, 0, 0



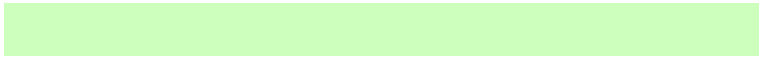
128, 128, 128

Same Dimension

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



164, 210, 199



189, 255, 239



164, 200, 210



94, 105, 102



0, 168, 128



0, 41, 31

Inverse Universe

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



199, 164, 210



239, 189, 255



210, 164, 198



102, 94, 105



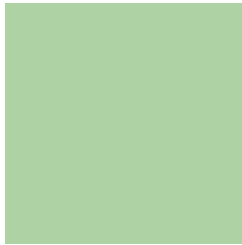
128, 0, 168



31, 0, 41

Previews

White Background



This preview shows how the RYB color 164, 210, 199 looks on a white background.

Color Contrast Check

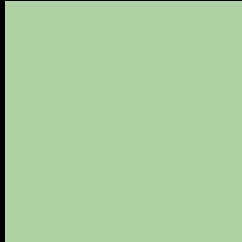
Large Text (above 18pt) WCAG AA × Fail

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, 210, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

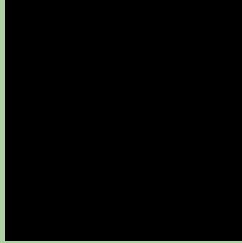
Any Text WCAG AA ✓ Pass

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, 210, 199 Background



This preview shows how black text looks on a background with the RYB color 164, 210, 199.

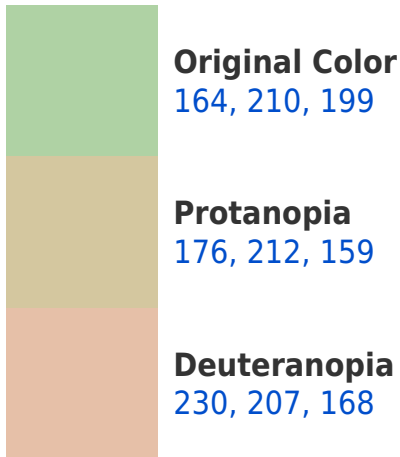



This preview shows how white text looks on a background with the RYB color 164, 210, 199.

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](#).

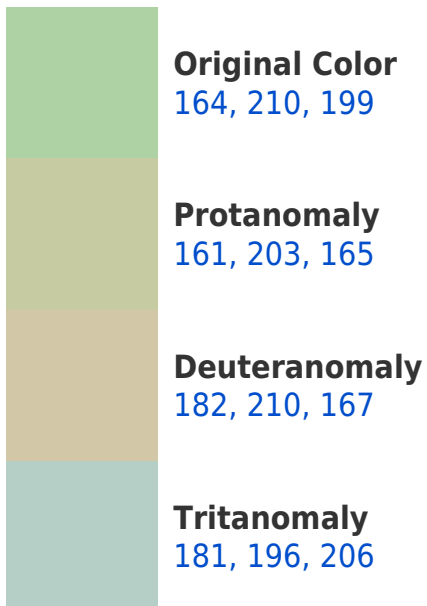
Dichromacy



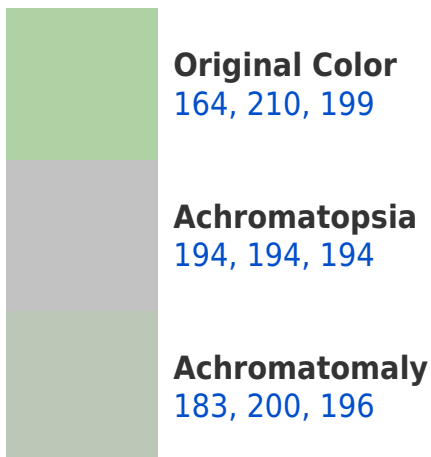


Tritanopia
184, 196, 219

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 210, 199 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(175, 210, 164)` looks like.

```
.text, #text, p{  
    color:rgb(175, 210, 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(175, 210, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 210, 164) }
```

Border

The CSS property to change the border of an element to RYB 164, 210, 199 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(175, 210, 164) }
```

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

```
.border{ border-color:rgb(175, 210, 164) }
```

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

Here you see how a box with a 4 pixel rgb(175, 210, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 210, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 210, 164);  
box-shadow:4px 4px 4px 4px rgb(175, 210,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 164, 210, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 210, 164) }
```

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

```
.background{ background-color: rgb(175,  
210, 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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