

Converting Colors

`RYB(166, 215, 195)`

Have a look what the booklet for
RYB(166, 215, 195) contains.

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Color

R_YB(166, 215, 195)

Conversions

Conversions Part 1

Format	Color
Hex	BAD7A6
RGB	186, 215, 166
RGB Percent	73%, 84%, 65%
CMY	0.2706, 0.1569, 0.3490
CMYK	0.13, 0.00, 0.23, 0.16
HSL	96°, 38%, 75%
HSV	96°, 23%, 84%
XYZ	51.4331, 61.7932, 45.2929
YIQ	200.7430, -1.5550, -21.3870

Conversions

Conversions Part 2

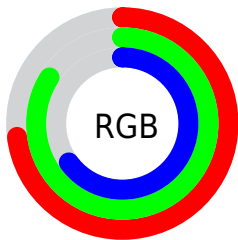
Format	Color
RYB	166, 215, 195
Decimal	12244902
CIELab	82.80, -18.43, 21.05
CIElCh	83, 27.979, 131.198
Yxy	61.7932, 0.3245, 0.3898
Android (android.graphics.Color)	4290434982 (0xFFBAD7A6)
YUV	200.7430, -17.1283, -12.9296
Hunter-Lab	78.6086, -20.7738, 20.8642

Details

The RYB color **166, 215, 195** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **195, 166, 215**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **221, 255, 234**, and **114, 160, 142** is the 20% darker color. If you saturate the color by 10%, you get **145, 215, 187**, and if you desaturate by 10%, it is **188, 215, 204**.

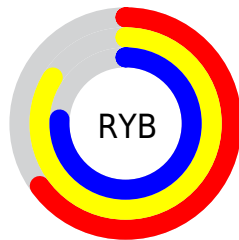
Distribution



Red (73%)

Green (84%)

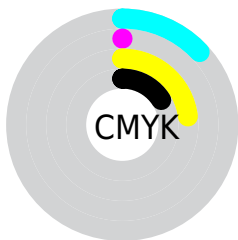
Blue (65%)



Red (65%)

Yellow (84%)

Blue (76%)

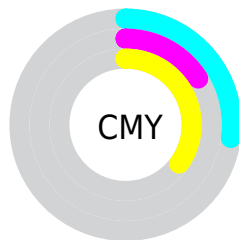


Cyan (13%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (27%)

Magenta (16%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 215, 195 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 166, 215, 195 by changing the saturation by 10% instead.


 166, 215, 195


255, 255, 255


 221, 255, 234

 250, 255, 250

 166, 215, 195


 140, 187, 168

 114, 160, 142


 89, 134, 116

 65, 109, 92

 43, 84, 69

 21, 61, 47

 0, 39, 23

 0, 17, 17

 0, 0, 0

 166, 215, 195

 166, 215, 195

 145, 215, 187

 188, 215, 204

 123, 215, 177

 209, 215, 213

 102, 215, 169

 224, 215, 231

 80, 215, 160

 237, 215, 252


 59, 215, 152

 250, 215, 255

 37, 215, 142

 255, 215, 255

 16, 215, 134

 0, 215, 127

Harmonies

Analogous

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



163, 216, 154



166, 215, 195



157, 199, 220

Triad

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



166, 215, 195



153, 191, 255



255, 187, 197

Complementary

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



166, 215, 195



195, 166, 215

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.



248, 189, 224



166, 215, 195



188, 202, 255

Square

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



166, 215, 195



131, 180, 240



223, 196, 246



255, 196, 173

Rectangle

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



166, 215, 195



140, 185, 221



223, 196, 246



255, 187, 206

Sweetspot

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



166, 215, 195



237, 255, 248



200, 215, 166



117, 128, 124



0, 0, 0



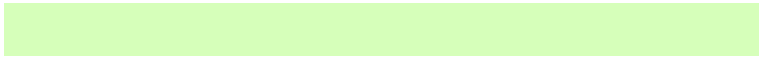
128, 128, 128

Same Dimension

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



166, 215, 195



186, 255, 227



166, 211, 215



96, 107, 102



0, 171, 101



0, 43, 25

Inverse Universe

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



195, 166, 215



227, 186, 255



215, 166, 211



103, 96, 107



101, 0, 171



26, 0, 43

Previews

White Background



This preview shows how the RYB color 166, 215, 195 looks on a white background.

Color Contrast Check

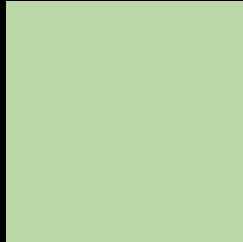
Large Text (above 18pt) WCAG AA × Fail

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 166, 215, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

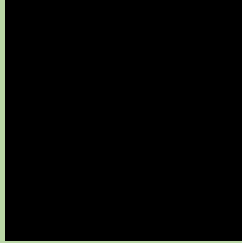
Any Text WCAG AA ✓ Pass

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 166, 215, 195 Background



This preview shows how black text looks on a background with the RYB color 166, 215, 195.

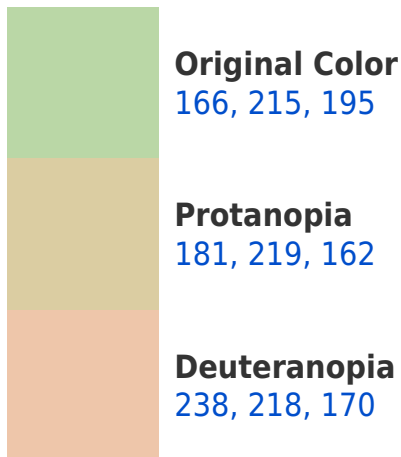


This preview shows how white text looks on a background with the RYB color 166, 215, 195.

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](#).

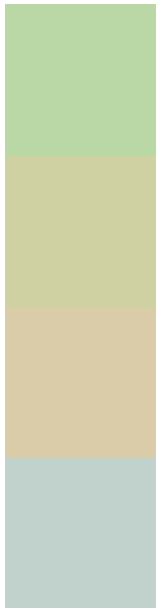
Dichromacy





Tritanopia
195, 203, 224

Trichromacy



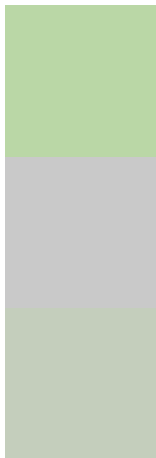
Original Color
166, 215, 195

Protanomaly
163, 209, 165

Deuteranomaly
190, 219, 169

Tritanomaly
192, 203, 210

Monochromacy



Original Color
166, 215, 195

Achromatopsia
201, 201, 201

Achromatomaly
188, 206, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 166, 215, 195 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(186, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 166)  
}
```

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(186, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 166) }
```

Border

The CSS property to change the border of an element to RYB 166, 215, 195 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(186, 215, 166) }
```

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

```
.border{ border-color:rgb(186, 215, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 215, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 215, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 215, 166);  
box-shadow:4px 4px 4px 4px rgb(186, 215,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 166, 215, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 166) }
```

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

```
.background{ background-color: rgb(186,  
215, 166) }
```

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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