

# Converting Colors

`RYB(182, 220, 191)`

Have a look what the booklet for  
RYB(182, 220, 191) contains.

<b>RYB(182, 220, 191)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**R<sub>Y</sub>B(182, 220, 191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3DCB6
RGB	211, 220, 182
RGB Percent	83%, 86%, 71%
CMY	0.1725, 0.1373, 0.2863
CMYK	0.04, 0.00, 0.17, 0.14
HSL	74°, 35%, 79%
HSV	74°, 17%, 86%
XYZ	60.9007, 68.4127, 54.2511
YIQ	212.9770, 6.8340, -13.7260

# Conversions

## Conversions Part 2

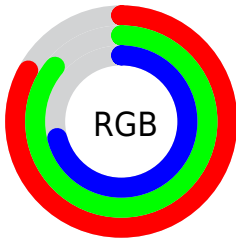
Format	Color
R <sub>YB</sub>	182, 220, 191
Decimal	13884598
CIE Lab	86.21, -9.52, 17.67
CIE LCh	86, 20.073, 118.302
Yxy	68.4127, 0.3318, 0.3727
Android (android.graphics.Color)	4292074678 (0xFFD3DCB6)
YUV	212.9770, -15.2717, -1.7338
Hunter-Lab	82.7120, -13.3167, 19.0098

# Details

The RYB color **182, 220, 191** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **191, 182, 220**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **238, 255, 238**, and **129, 165, 138** is the 20% darker color. If you saturate the color by 10%, you get **160, 220, 174**, and if you desaturate by 10%, it is **204, 220, 208**.

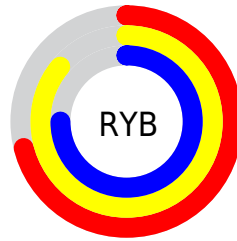
# Distribution



Red (83%)

Green (86%)

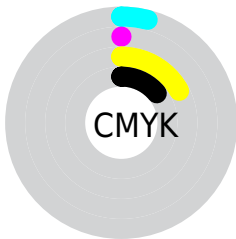
Blue (71%)



Red (71%)

Yellow (86%)

Blue (75%)

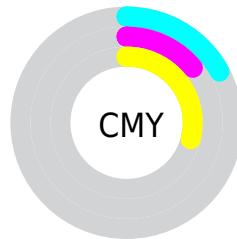


Cyan (4%)

Magenta (0%)

Yellow (17%)

Black (14%)



Cyan (17%)

Magenta (14%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 182, 220, 191 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 182, 220, 191 by changing the saturation by 10% instead.




 182, 220, 191


255, 255, 255


 238, 255, 238

 182, 220, 191

 155, 192, 164

 129, 165, 138

 104, 139, 113

 80, 113, 88

 56, 89, 65

 35, 65, 43

 13, 43, 21

 0, 23, 13

 0, 0, 0

 182, 220, 191

 182, 220, 191

 160, 220, 174

 204, 220, 208

 138, 220, 157

 221, 220, 226

 116, 220, 141

 227, 220, 248

 94, 220, 124

 232, 220, 255

 72, 220, 107

 237, 220, 255

 50, 220, 90

 242, 220, 255

 28, 220, 73

 247, 220, 255

 6, 220, 57

 253, 220, 255

 0, 220, 52

 255, 220, 255

# Harmonies

## Analogous

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



205, 232, 178



182, 220, 191



189, 220, 225

# Triad

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



182, 220, 191



173, 203, 247



253, 203, 217

# Complementary

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



182, 220, 191



191, 182, 220

# 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.



240, 206, 236



182, 220, 191



193, 211, 253

# Square

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



182, 220, 191



165, 197, 233



218, 211, 249



255, 205, 198

# Rectangle

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



182, 220, 191



177, 207, 226



218, 211, 249



250, 203, 224



# Sweetspot

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



182, 220, 191



242, 255, 245



220, 194, 182



120, 128, 122



0, 0, 0



128, 128, 128

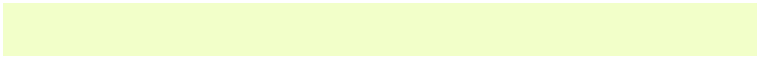


# Same Dimension

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



182, 220, 191



201, 255, 214



182, 220, 210



99, 110, 102



0, 173, 41



0, 46, 11



# Inverse Universe

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



191, 182, 220



214, 201, 255



210, 182, 220



101, 99, 110



41, 0, 173



11, 0, 46



# Previews

## White Background



This preview shows how the RYB color 182, 220, 191 looks on a white background.

## Color Contrast Check

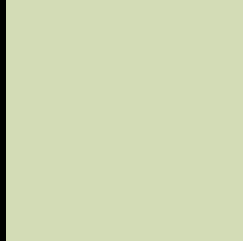
Large Text (above 18pt) WCAG AA × Fail

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 182, 220, 191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

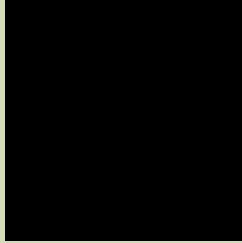
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

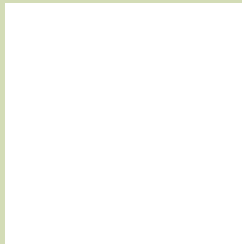
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 182, 220, 191 Background**



This preview shows how black text looks on a background with the RYB color 182, 220, 191.



This preview shows how white text looks on a background with the RYB color 182, 220, 191.

# 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](#).

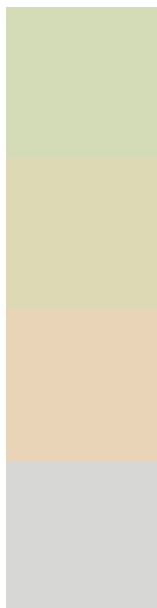
## Dichromacy





**Tritanopia**  
218, 213, 230

# Trichromacy



**Original Color**

182, 220, 191

**Protanomaly**

185, 221, 181

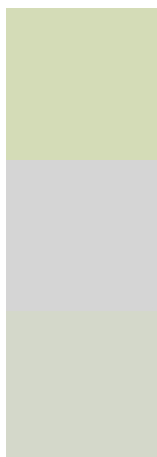
**Deuteranomaly**

223, 234, 184

**Tritanomaly**

213, 216, 214

# Monochromacy



**Original Color**

182, 220, 191

**Achromatopsia**

213, 213, 213

**Achromatomaly**

202, 216, 206

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 182, 220, 191 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(211, 220, 182)` looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 182)  
}
```

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(211, 220, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 182) }
```

## Border

The CSS property to change the border of an element to RYB 182, 220, 191 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(211, 220, 182) }
```

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

```
.border{ border-color:rgb(211, 220, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 220, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 220, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 220, 182); box-shadow:4px 4px 4px 4px rgb(211, 220, 182) }
```

# Background

The CSS property to change the background color of an element to RYB 182, 220, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 182) }
```

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

```
.background{ background-color: rgb(211,  
220, 182) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor