

Converting Colors

`RYB(163, 212, 178)`

Have a look what the booklet for
RYB(163, 212, 178) contains.

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Color

R_YB(163, 212, 178)

Conversions

Conversions Part 1

Format	Color
Hex	C5D4A3
RGB	197, 212, 163
RGB Percent	77%, 83%, 64%
CMY	0.2275, 0.1686, 0.3608
CMYK	0.07, 0.00, 0.23, 0.17
HSL	78°, 36%, 74%
HSV	78°, 23%, 83%
XYZ	53.1803, 61.6016, 43.7377
YIQ	201.9290, 6.7890, -18.4190

Conversions

Conversions Part 2

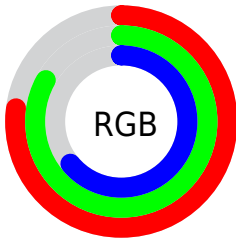
Format	Color
RYB	163, 212, 178
Decimal	12965027
CIELab	82.70, -13.43, 22.61
CIElCh	83, 26.292, 120.708
Yxy	61.6016, 0.3355, 0.3886
Android (android.graphics.Color)	4291155107 (0xFFC5D4A3)
YUV	201.9290, -19.1920, -4.3227
Hunter-Lab	78.4867, -16.4053, 21.9006

Details

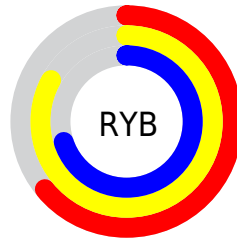
The RYB color **163, 212, 178** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178, 163, 212**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **218, 255, 219**, and **111, 157, 125** is the 20% darker color. If you saturate the color by 10%, you get **142, 212, 163**, and if you desaturate by 10%, it is **184, 212, 193**.

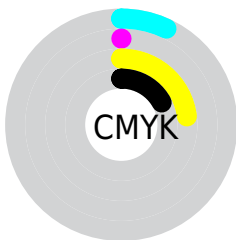
Distribution



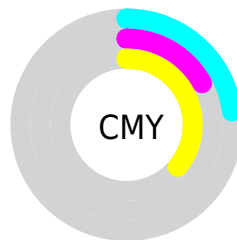
- Red (77%)
- Green (83%)
- Blue (64%)



- Red (64%)
- Yellow (83%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 212, 178 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 163, 212, 178 by changing the saturation by 10% instead.


 163, 212, 178


255, 255, 255


 218, 255, 219

 247, 255, 247

 163, 212, 178

 137, 184, 151


 111, 157, 125


 86, 131, 100

 63, 106, 77

 40, 82, 54

 19, 59, 33

 0, 37, 12

 0, 17, 17


 0, 0, 0

 163, 212, 178

 163, 212, 178

 142, 212, 163

 184, 212, 193

 121, 212, 149

 205, 212, 207

 99, 212, 133

 216, 212, 227

 78, 212, 119

 223, 212, 248

 57, 212, 104

 229, 212, 255

 36, 212, 90

 236, 212, 255

 15, 212, 75

 242, 212, 255

 0, 212, 65

 249, 212, 255

 255, 212, 255

Harmonies

Analogous

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



186, 224, 157



163, 212, 178



169, 207, 217

Triad

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



163, 212, 178



148, 188, 248



254, 188, 206

Complementary

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



163, 212, 178



178, 163, 212

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.



238, 192, 230



163, 212, 178



177, 199, 255

Square

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



163, 212, 178



135, 180, 230



211, 199, 248



255, 191, 182

Rectangle

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



163, 212, 178



152, 192, 219



211, 199, 248



250, 189, 215

Sweetspot

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



163, 212, 178



237, 255, 242



212, 185, 163



117, 128, 121



0, 0, 0



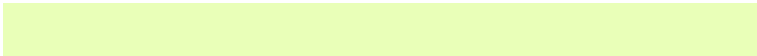
128, 128, 128

Same Dimension

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



163, 212, 178



184, 255, 206



163, 212, 202



96, 107, 99



0, 171, 52



0, 43, 13

Inverse Universe

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



178, 163, 212



205, 184, 255



202, 163, 212



100, 96, 107



52, 0, 171



13, 0, 43

Previews

White Background



This preview shows how the RYB color 163, 212, 178 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 163, 212, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

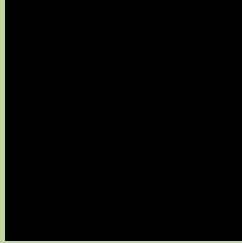
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

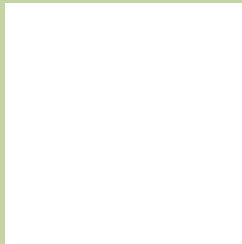
Any Text WCAG AAA ✓ Pass

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

RYB 163, 212, 178 Background



This preview shows how black text looks on a background with the RYB color 163, 212, 178.



This preview shows how white text looks on a background with the RYB color 163, 212, 178.

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](#).

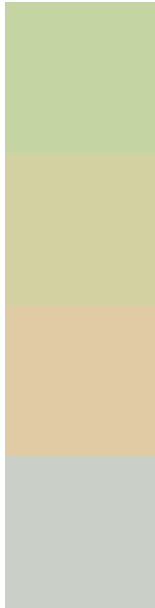
Dichromacy





Tritanopia
205, 204, 220

Trichromacy



Original Color
163, 212, 178

Protanomaly
164, 211, 161

Deuteranomaly
198, 224, 165

Tritanomaly
199, 207, 204

Monochromacy



Original Color
163, 212, 178

Achromatopsia
202, 202, 202

Achromatomaly
188, 206, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 212, 178 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(197, 212, 163)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 163)  
}
```

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(197, 212, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 163) }
```

Border

The CSS property to change the border of an element to RYB 163, 212, 178 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(197, 212, 163) }
```

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

```
.border{ border-color:rgb(197, 212, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 212, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 163);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 163, 212, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 163) }
```

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

```
.background{ background-color: rgb(197,  
212, 163) }
```

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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