

Converting Colors

`RYB(162, 212, 221)`

Have a look what the booklet for
RYB(162, 212, 221) contains.

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Color

R_YB(162, 212, 221)

Conversions

Conversions Part 1

Format	Color
Hex	A2DDAD
RGB	162, 221, 173
RGB Percent	64%, 87%, 68%
CMY	0.3647, 0.1333, 0.3231
CMYK	0.27, 0.00, 0.22, 0.13
HSL	131°, 46%, 75%
HSV	131°, 27%, 87%
XYZ	48.2628, 62.3967, 48.8427
YIQ	197.8870, -19.7560, -27.4360

Conversions

Conversions Part 2

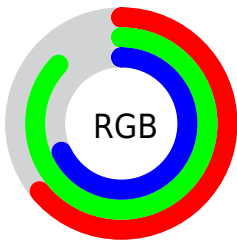
Format	Color
RYB	162, 212, 221
Decimal	10673581
CIELab	83.12, -28.36, 17.80
CIELCh	83, 33.485, 147.882
Yxy	62.3967, 0.3026, 0.3912
Android (android.graphics.Color)	4288863661 (0xFFA2DDAD)
YUV	197.8870, -12.2693, -31.4729
Hunter-Lab	78.9916, -29.1741, 18.6335

Details

The RYB color **162, 212, 221** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **221, 162, 210**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **218, 247, 255**, and **109, 156, 166** is the 20% darker color. If you saturate the color by 10%, you get **140, 209, 221**, and if you desaturate by 10%, it is **184, 215, 221**.

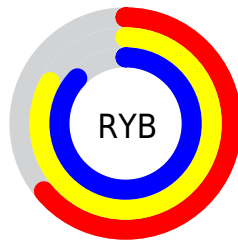
Distribution



Red (64%)

Green (87%)

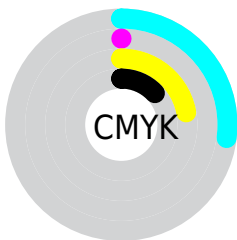
Blue (68%)



Red (64%)

Yellow (83%)

Blue (87%)

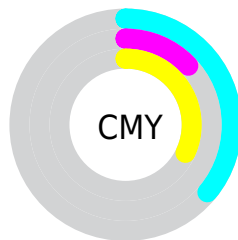


Cyan (27%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (36%)

Magenta (13%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 212, 221 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 162, 212, 221 by changing the saturation by 10% instead.

 162, 212, 221

255, 255, 255


 218, 247, 255


 247, 251, 255

 162, 212, 221

 135, 184, 193

 109, 157, 166

 83, 129, 139

 58, 102, 113

 33, 76, 88

 2, 47, 65

 0, 40, 42

 0, 19, 19

 0, 0, 0

 162, 212, 221

 162, 212, 221

 140, 209, 221


 184, 215, 221

 118, 206, 221


 206, 219, 221

 96, 202, 221


 228, 221, 227

 74, 199, 221

 250, 221, 245

 51, 195, 221

 255, 221, 255

 29, 191, 221

 7, 188, 221

 0, 187, 221

Harmonies

Analogous

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



151, 214, 167



162, 212, 221



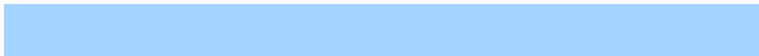
128, 182, 224

Triad

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



162, 212, 221



163, 195, 255



255, 187, 179

Complementary

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



162, 212, 221



221, 162, 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.



255, 184, 211



162, 212, 221



209, 200, 255

Square

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



162, 212, 221



122, 178, 255



245, 189, 241



255, 219, 155

Rectangle

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



162, 212, 221



111, 168, 225



245, 189, 241



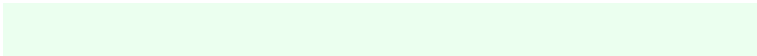
255, 184, 189

Sweetspot

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



162, 212, 221



235, 252, 255



162, 221, 172



115, 126, 128



0, 0, 0



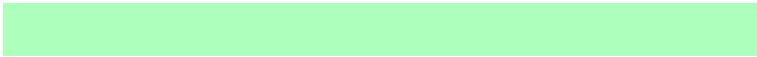
128, 128, 128

Same Dimension

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



162, 212, 221



173, 242, 255



162, 198, 221



99, 108, 110



0, 147, 173



0, 39, 46

Inverse Universe

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



221, 162, 210



255, 173, 240



221, 162, 182



110, 99, 108



173, 0, 142



46, 0, 38

Previews

White Background



This preview shows how the RYB color 162, 212, 221 looks on a white background.

Color Contrast Check

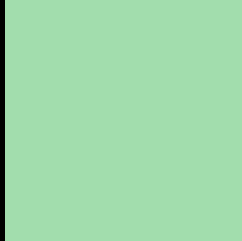
Large Text (above 18pt) WCAG AA × Fail

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 162, 212, 221 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 162, 212, 221 Background



This preview shows how black text looks on a background with the RYB color 162, 212, 221.

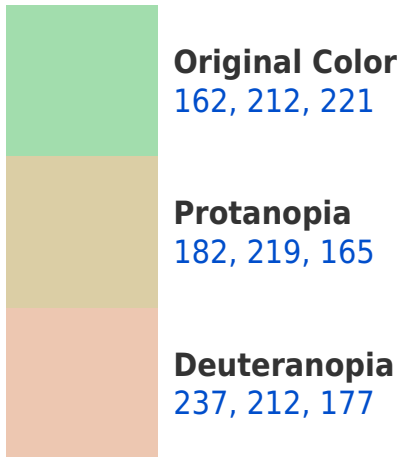


This preview shows how white text looks on a background with the RYB color 162, 212, 221.

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





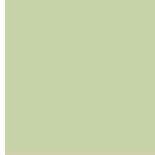
Tritanopia
173, 197, 230

Trichromacy



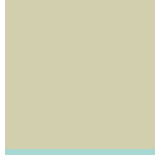
Original Color

162, 212, 221



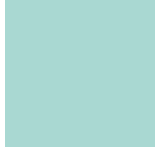
Protanomaly

168, 211, 181



Deuteranomaly

178, 210, 175



Tritanomaly

169, 194, 216

Monochromacy



Original Color

162, 212, 221



Achromatopsia

198, 198, 198



Achromatomaly

185, 203, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 212, 221 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(162, 221, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 221, 173)  
}
```

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(162, 221, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 221, 173) }
```

Border

The CSS property to change the border of an element to RYB 162, 212, 221 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(162, 221, 173) }
```

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

```
.border{ border-color:rgb(162, 221, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 221, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 221, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 221, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 221,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 162, 212, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 221, 173) }
```

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

```
.background{ background-color: rgb(162,  
221, 173) }
```

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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