

Converting Colors

`RYB(162, 212, 220)`

Have a look what the booklet for
RYB(162, 212, 220) contains.

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Color

R_YB(162, 212, 220)

Conversions

Conversions Part 1

Format	Color
Hex	A2DCAB
RGB	162, 220, 171
RGB Percent	64%, 86%, 67%
CMY	0.3647, 0.1373, 0.3283
CMYK	0.26, 0.00, 0.22, 0.14
HSL	130°, 45%, 75%
HSV	130°, 26%, 86%
XYZ	47.8709, 61.8187, 48.0773
YIQ	197.0720, -18.8390, -27.5350

Conversions

Conversions Part 2

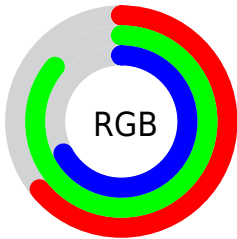
Format	Color
RYB	162, 212, 220
Decimal	10673323
CIELab	82.82, -28.12, 18.08
CIElCh	83, 33.430, 147.264
Yxy	61.8187, 0.3034, 0.3918
Android (android.graphics.Color)	4288863403 (0xFFA2DCAB)
YUV	197.0720, -12.8535, -30.7581
Hunter-Lab	78.6249, -28.9135, 18.7830

Details

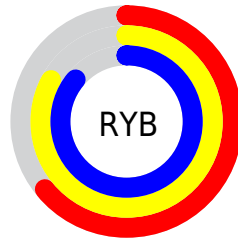
The RYB color **162, 212, 220** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **220, 162, 211**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **218, 248, 255**, and **109, 157, 165** is the 20% darker color. If you saturate the color by 10%, you get **140, 209, 220**, and if you desaturate by 10%, it is **184, 215, 220**.

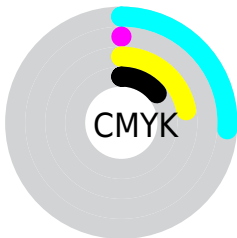
Distribution



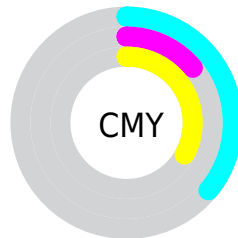
- Red (64%)
- Green (86%)
- Blue (67%)



- Red (64%)
- Yellow (83%)
- Blue (86%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)



- Cyan (36%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 212, 220 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, 220 by changing the saturation by 10% instead.

 162, 212, 220

255, 255, 255


 218, 248, 255

 247, 251, 255


 162, 212, 220

 135, 183, 192

 109, 157, 165


 83, 129, 138

 58, 102, 112

 33, 77, 88

 3, 47, 64

 0, 40, 41

 0, 18, 18

 0, 0, 0

 162, 212, 220

 162, 212, 220

 140, 209, 220

 184, 215, 220

 118, 206, 220


 206, 218, 220

 96, 203, 220


 228, 220, 227

 74, 200, 220

 250, 220, 245

 52, 197, 220

 255, 220, 255

 30, 194, 220

 8, 191, 220

 0, 190, 220

Harmonies

Analogous

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



150, 213, 165



162, 212, 220



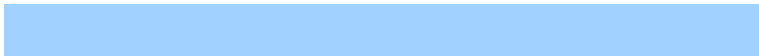
127, 181, 223

Triad

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



162, 212, 220



161, 193, 255



255, 186, 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, 220



220, 162, 211

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, 183, 210



162, 212, 220



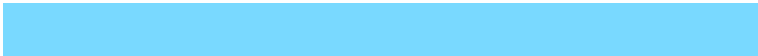
207, 199, 255

Square

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



162, 212, 220



121, 177, 255



244, 189, 241



255, 218, 154

Rectangle

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



162, 212, 220



111, 168, 224



244, 189, 241



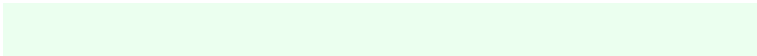
255, 183, 189

Sweetspot

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



162, 212, 220



235, 252, 255



162, 220, 171



115, 126, 128



0, 0, 0



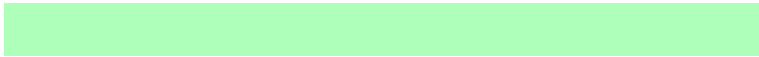
128, 128, 128

Same Dimension

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



162, 212, 220



173, 244, 255



162, 197, 220



99, 109, 110



0, 149, 173



0, 40, 46

Inverse Universe

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



220, 162, 211



255, 173, 242



220, 162, 182



110, 99, 108



173, 0, 146



46, 0, 39

Previews

White Background



This preview shows how the RYB color 162, 212, 220 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, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

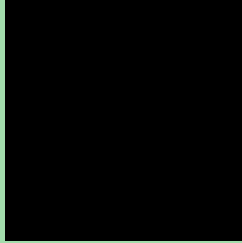
Any Text WCAG AA ✓ Pass

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, 220 Background



This preview shows how black text looks on a background with the RYB color 162, 212, 220.

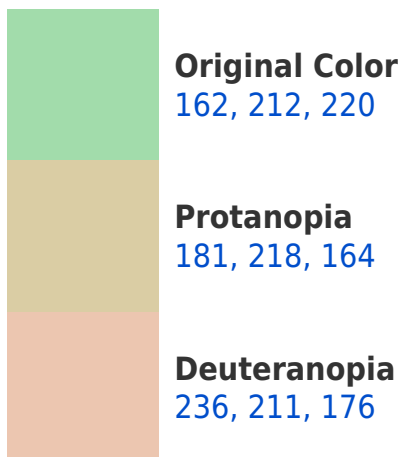


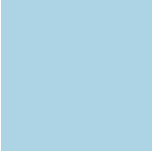
This preview shows how white text looks on a background with the RYB color 162, 212, 220.

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, 196, 229

Trichromacy



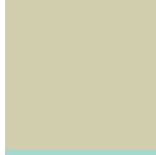
Original Color

162, 212, 220



Protanomaly

167, 210, 179



Deuteranomaly

177, 209, 174



Tritanomaly

169, 194, 215

Monochromacy



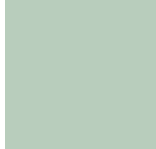
Original Color

162, 212, 220



Achromatopsia

197, 197, 197



Achromatomaly

184, 202, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 212, 220 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, 220, 171)` looks like.

```
.text, #text, p{  
    color:rgb(162, 220, 171)  
}
```

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, 220, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 220, 171) }
```

Border

The CSS property to change the border of an element to RYB 162, 212, 220 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, 220, 171) }
```

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

```
.border{ border-color:rgb(162, 220, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 220, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 220, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 220, 171);  
box-shadow:4px 4px 4px 4px rgb(162, 220,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 162, 212, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 220, 171) }
```

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

```
.background{ background-color: rgb(162,  
220, 171) }
```

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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