

Converting Colors

`RYB(162, 203, 225)`

Have a look what the booklet for
RYB(162, 203, 225) contains.

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Color

R_YB(162, 203, 225)

Conversions

Conversions Part 1

Format	Color
Hex	A2E1C4
RGB	162, 225, 196
RGB Percent	64%, 88%, 77%
CMY	0.3647, 0.1176, 0.2321
CMYK	0.28, 0.00, 0.13, 0.12
HSL	152°, 51%, 76%
HSV	152°, 28%, 88%
XYZ	51.7671, 65.5085, 62.0242
YIQ	202.8570, -28.2390, -22.3750

Conversions

Conversions Part 2

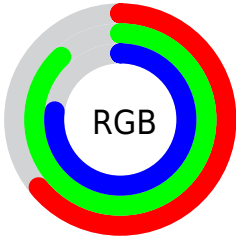
Format	Color
RYB	162, 203, 225
Decimal	10674628
CIELab	84.75, -25.92, 7.91
CIElCh	85, 27.098, 163.036
Yxy	65.5085, 0.2887, 0.3654
Android (android.graphics.Color)	4288864708 (0xFFA2E1C4)
YUV	202.8570, -3.3805, -35.8316
Hunter-Lab	80.9373, -27.4725, 11.2208

Details

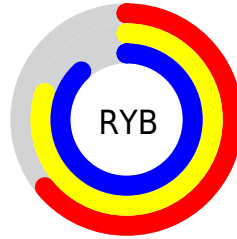
The RYB color **162, 203, 225** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **225, 162, 191**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **218, 237, 255**, and **109, 148, 169** is the 20% darker color. If you saturate the color by 10%, you get **139, 195, 225**, and if you desaturate by 10%, it is **185, 211, 225**.

Distribution



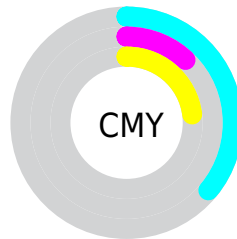
- Red (64%)
- Green (88%)
- Blue (77%)



- Red (64%)
- Yellow (80%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (36%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 203, 225 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, 203, 225 by changing the saturation by 10% instead.

 162, 203, 225

255, 255, 255


 218, 237, 255

 247, 251, 255


 162, 203, 225

 135, 175, 197

 109, 148, 169

 83, 121, 143

 57, 95, 117

 31, 69, 92

 0, 41, 68


 0, 29, 45

 0, 25, 25


 0, 0, 0

 162, 203, 225


 162, 203, 225

 139, 195, 225


 185, 211, 225

 117, 187, 225


 207, 219, 225

 95, 180, 225


 230, 225, 227

 72, 172, 225

 252, 225, 238

 49, 163, 225

 255, 225, 248

 27, 156, 225

 255, 225, 255

 5, 148, 225

 0, 146, 225

Harmonies

Analogous

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



174, 221, 205



162, 203, 225



142, 185, 226

Triad

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



162, 203, 225



196, 207, 255



255, 203, 178

Complementary

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



162, 203, 225



225, 162, 191

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, 193, 201



162, 203, 225



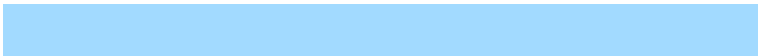
230, 201, 249

Square

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



162, 203, 225



162, 197, 255



254, 195, 227



238, 244, 163

Rectangle

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



162, 203, 225



138, 185, 238



254, 195, 227



255, 197, 185

Sweetspot

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



162, 203, 225



235, 248, 255



162, 225, 196



115, 123, 128



0, 0, 0



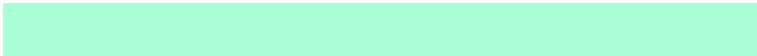
128, 128, 128

Same Dimension

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



162, 203, 225



168, 224, 255



162, 193, 225



101, 108, 112



0, 115, 176



0, 31, 48

Inverse Universe

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



225, 162, 191



255, 168, 208



225, 164, 162



112, 101, 106



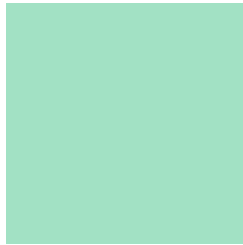
176, 0, 82



48, 0, 22

Previews

White Background



This preview shows how the RYB color 162, 203, 225 looks on a white background.

Color Contrast Check

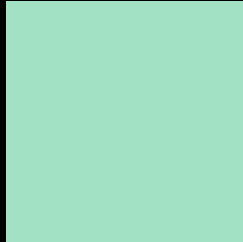
Large Text (above 18pt) WCAG AA × Fail

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, 203, 225 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, 203, 225 Background



This preview shows how black text looks on a background with the RYB color 162, 203, 225.

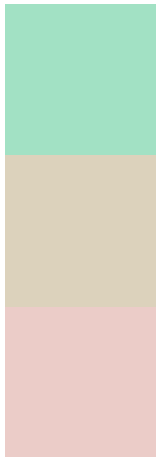


This preview shows how white text looks on a background with the RYB color 162, 203, 225.

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](#).

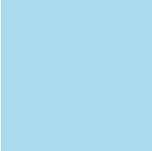
Dichromacy



Original Color
162, 203, 225

Protanopia
203, 220, 188

Deuteranopia
235, 205, 200



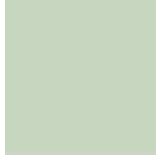
Tritanopia
170, 198, 237

Trichromacy



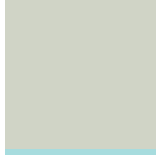
Original Color

162, 203, 225



Protanomaly

191, 215, 207



Deuteranomaly

198, 212, 202



Tritanomaly

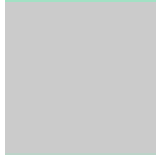
167, 194, 222

Monochromacy



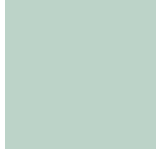
Original Color

162, 203, 225



Achromatopsia

203, 203, 203



Achromatomaly

188, 203, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 203, 225 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, 225, 196)` looks like.

```
.text, #text, p{  
    color:rgb(162, 225, 196)  
}
```

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, 225, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 225, 196) }
```

Border

The CSS property to change the border of an element to RYB 162, 203, 225 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, 225, 196) }
```

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

```
.border{ border-color:rgb(162, 225, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 225, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 225, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 225, 196);  
box-shadow:4px 4px 4px 4px rgb(162, 225,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 162, 203, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 225, 196) }
```

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

```
.background{ background-color: rgb(162,  
225, 196) }
```

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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