

Converting Colors

`RYB(162, 209, 226)`

Have a look what the booklet for
RYB(162, 209, 226) contains.

RYB(162, 209, 226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(162, 209, 226)

Conversions

Conversions Part 1

Format	Color
Hex	A2E2B9
RGB	162, 226, 185
RGB Percent	64%, 89%, 73%
CMY	0.3647, 0.1137, 0.2739
CMYK	0.28, 0.00, 0.18, 0.11
HSL	142°, 52%, 76%
HSV	142°, 28%, 89%
XYZ	50.8693, 65.5832, 55.9591
YIQ	202.1900, -24.9830, -26.3190

Conversions

Conversions Part 2

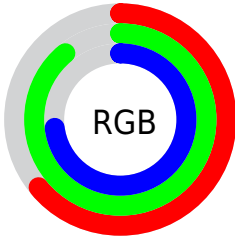
Format	Color
RYB	162, 209, 226
Decimal	10674873
CIELab	84.78, -28.46, 13.56
CIELCh	85, 31.525, 154.518
Yxy	65.5832, 0.2950, 0.3804
Android (android.graphics.Color)	4288864953 (0xFFA2E2B9)
YUV	202.1900, -8.4747, -35.2466
Hunter-Lab	80.9834, -29.5971, 15.7193

Details

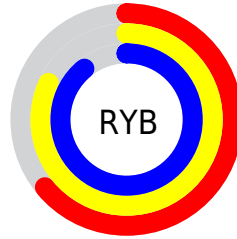
The RYB color **162, 209, 226** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **226, 162, 203**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **218, 241, 255**, and **109, 153, 170** is the 20% darker color. If you saturate the color by 10%, you get **139, 203, 226**, and if you desaturate by 10%, it is **185, 215, 226**.

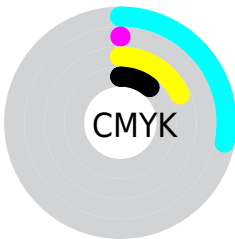
Distribution



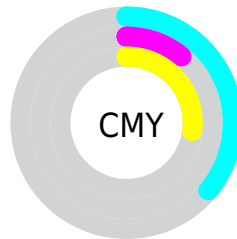
- Red (64%)
- Green (89%)
- Blue (73%)



- Red (64%)
- Yellow (82%)
- Blue (89%)



- Cyan (28%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 209, 226 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, 209, 226 by changing the saturation by 10% instead.


 162, 209, 226

255, 255, 255


 218, 241, 255


 247, 251, 255


 162, 209, 226

 135, 181, 198

 109, 153, 170

 83, 127, 144

 57, 100, 118

 31, 74, 93

 0, 45, 69

 0, 34, 46

 0, 25, 25


 0, 0, 0

 162, 209, 226


 162, 209, 226

 139, 203, 226


 185, 215, 226

 117, 197, 226


 207, 221, 226

 94, 191, 226


 230, 226, 228

 72, 185, 226


 252, 226, 243

 49, 179, 226

 255, 226, 255

 26, 173, 226

 4, 167, 226

 0, 166, 226

Harmonies

Analogous

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



162, 220, 186



162, 209, 226



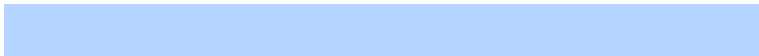
133, 184, 228

Triad

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



162, 209, 226



181, 203, 255



255, 196, 179

Complementary

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



162, 209, 226



226, 162, 203

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, 190, 208



162, 209, 226



222, 202, 255

Square

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



162, 209, 226



141, 188, 255



254, 194, 238



255, 234, 159

Rectangle

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



162, 209, 226



122, 177, 235



254, 194, 238



255, 191, 188

Sweetspot

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



162, 209, 226



235, 250, 255



162, 226, 184



115, 125, 128



0, 0, 0



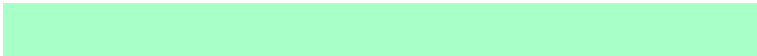
128, 128, 128

Same Dimension

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



162, 209, 226



168, 232, 255



162, 197, 226



101, 109, 112



0, 129, 176



0, 35, 48

Inverse Universe

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



226, 162, 203



255, 168, 224



226, 162, 172



112, 101, 108



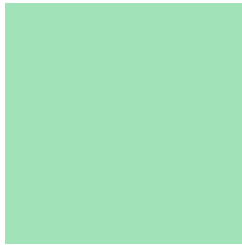
176, 0, 112



48, 0, 31

Previews

White Background



This preview shows how the RYB color 162, 209, 226 looks on a white background.

Color Contrast Check

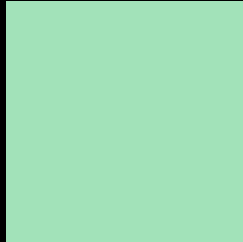
Large Text (above 18pt) WCAG AA × Fail

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, 209, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

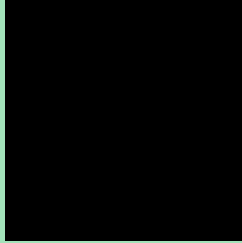
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

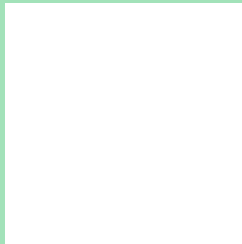
Any Text WCAG AAA ✓ Pass

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

RYB 162, 209, 226 Background



This preview shows how black text looks on a background with the RYB color 162, 209, 226.

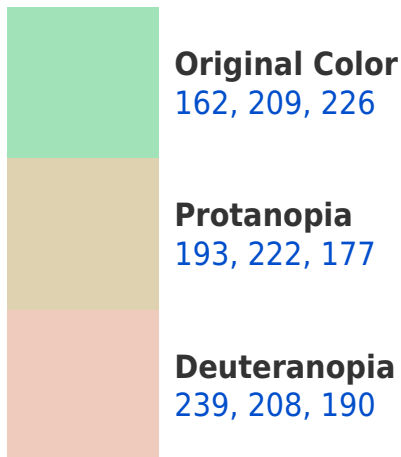


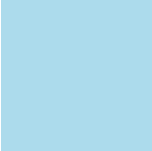
This preview shows how white text looks on a background with the RYB color 162, 209, 226.

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





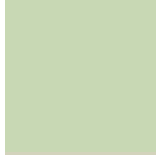
Tritanopia
172, 199, 236

Trichromacy



Original Color

162, 209, 226



Protanomaly

180, 216, 196



Deuteranomaly

188, 211, 188



Tritanomaly

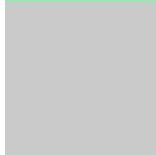
168, 196, 222

Monochromacy



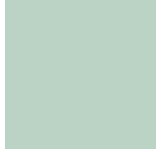
Original Color

162, 209, 226



Achromatopsia

202, 202, 202



Achromatomaly

187, 204, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 209, 226 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, 226, 185)` looks like.

```
.text, #text, p{  
    color:rgb(162, 226, 185)  
}
```

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, 226, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 226, 185) }
```

Border

The CSS property to change the border of an element to RYB 162, 209, 226 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, 226, 185) }
```

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

```
.border{ border-color:rgb(162, 226, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 226, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 226, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 226, 185);  
box-shadow:4px 4px 4px 4px rgb(162, 226,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 162, 209, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 226, 185) }
```

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

```
.background{ background-color: rgb(162,  
226, 185) }
```

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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