

Converting Colors

`RYB(162, 209, 245)`

Have a look what the booklet for RYB(162, 209, 245) contains.

RYB(162, 209, 245)	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, 245)

Conversions

Conversions Part 1

Format	Color
Hex	A2F5E2
RGB	162, 245, 226
RGB Percent	64%, 96%, 89%
CMY	0.3647, 0.0392, 0.1154
CMYK	0.34, 0.00, 0.08, 0.04
HSL	166°, 81%, 80%
HSV	166°, 34%, 96%
XYZ	61.2218, 78.4539, 83.5621
YIQ	218.0170, -43.3690, -23.5050

Conversions

Conversions Part 2

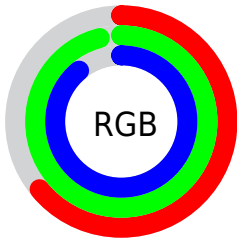
Format	Color
R_{YB}	162, 209, 245
Decimal	10679778
CIE _{Lab}	90.99, -29.34, 1.35
CIE _{LCh}	91, 29.370, 177.367
Yxy	78.4539, 0.2742, 0.3514
Android (android.graphics.Color)	4288869858 (0xFFA2F5E2)
YUV	218.0170, 3.9356, -49.1269
Hunter-Lab	88.5742, -31.6269, 6.0669

Details

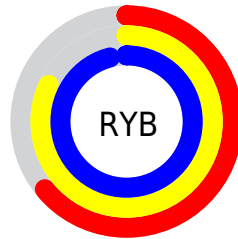
The RYB color **162, 209, 245** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **245, 162, 181**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **219, 237, 255**, and **107, 152, 188** is the 20% darker color. If you saturate the color by 10%, you get **138, 199, 245**, and if you desaturate by 10%, it is **187, 220, 245**.

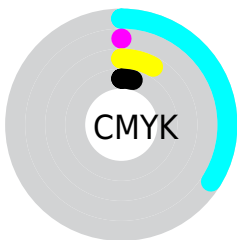
Distribution



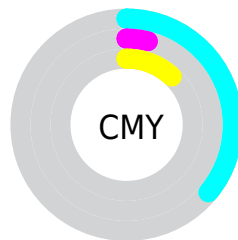
- Red (64%)
- Green (96%)
- Blue (89%)



- Red (64%)
- Yellow (82%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 162, 209, 245 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, 245 by changing the saturation by 10% instead.

 162, 209, 245

 162, 209, 245


255, 255, 255


 134, 180, 216

 219, 237, 255

 107, 153, 188

 248, 252, 255

 79, 125, 161

 51, 98, 135

 16, 67, 109

 0, 46, 84


 0, 34, 61

 0, 23, 39

 0, 7, 7


 162, 209, 245


 162, 209, 245

 138, 199, 245


 187, 220, 245

 113, 188, 245


 211, 230, 245

 88, 177, 245


 236, 241, 245

 64, 166, 245

 255, 245, 249

 40, 156, 245

 255, 245, 254

 15, 145, 245

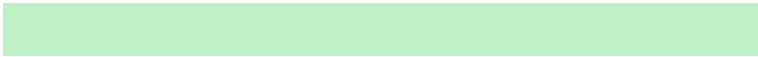
 255, 245, 255

 0, 139, 245

Harmonies

Analogous

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



190, 235, 242



162, 209, 245



148, 198, 254

Triad

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



162, 209, 245



231, 223, 255



255, 247, 183

Complementary

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



162, 209, 245



245, 162, 181

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, 211, 205



162, 209, 245



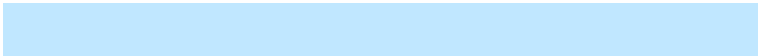
255, 214, 255

Square

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



162, 209, 245



192, 216, 255



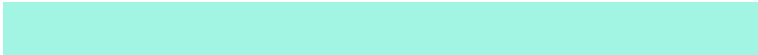
255, 209, 233



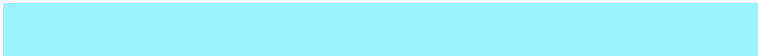
214, 253, 173

Rectangle

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



162, 209, 245



153, 201, 255



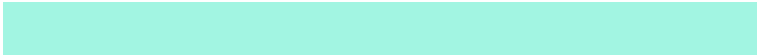
255, 209, 233



255, 229, 189

Sweetspot

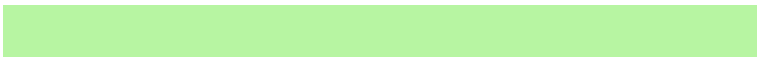
The Sweet Spot groups the original color and five complimentary colors.



162, 209, 245



230, 244, 255



162, 245, 224



112, 121, 128



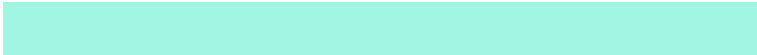
0, 0, 0



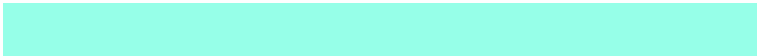
128, 128, 128

Same Dimension

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



162, 209, 245



150, 209, 255



162, 197, 245



110, 117, 122



0, 105, 186



0, 33, 59

Inverse Universe

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



245, 162, 181



255, 150, 175



245, 190, 162



122, 110, 113



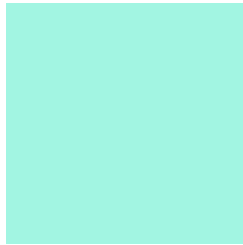
186, 0, 44



59, 0, 14

Previews

White Background



This preview shows how the RYB color 162, 209, 245 looks on a white background.

Color Contrast Check

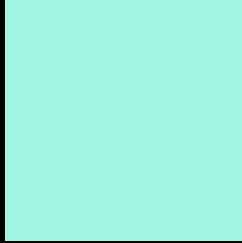
Large Text (above 18pt) WCAG AA × Fail

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, 245 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

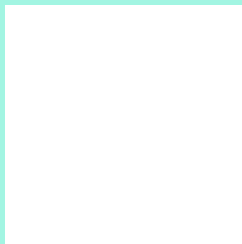
Any Text WCAG AAA ✓ Pass

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

RYB 162, 209, 245 Background



This preview shows how black text looks on a background with the RYB color 162, 209, 245.

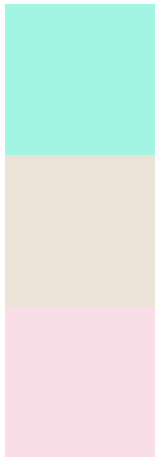


This preview shows how white text looks on a background with the RYB color 162, 209, 245.

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, 209, 245

Protanopia
230, 235, 216

Deuteranopia
249, 221, 231



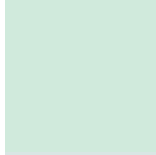
Tritanopia
180, 213, 255

Trichromacy



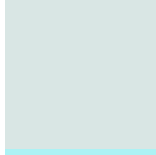
Original Color

162, 209, 245



Protanomaly

208, 226, 234



Deuteranomaly

217, 224, 230



Tritanomaly

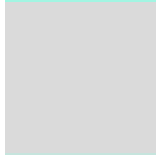
173, 208, 244

Monochromacy



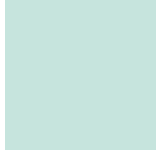
Original Color

162, 209, 245



Achromatopsia

218, 218, 218



Achromatomaly

198, 215, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 209, 245 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, 245, 226)` looks like.

```
.text, #text, p{  
    color:rgb(162, 245, 226)  
}
```

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, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 245, 226) }
```

Border

The CSS property to change the border of an element to RYB 162, 209, 245 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, 245, 226) }
```

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

```
.border{ border-color:rgb(162, 245, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 245, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 245, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 245, 226);  
box-shadow:4px 4px 4px 4px rgb(162, 245,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 162, 209, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 245, 226) }
```

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

```
.background{ background-color: rgb(162,  
245, 226) }
```

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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