

Converting Colors

`RYB(169, 214, 244)`

Have a look what the booklet for
RYB(169, 214, 244) contains.

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Color

R_YB(169, 214, 244)

Conversions

Conversions Part 1

Format	Color
Hex	A9F4DB
RGB	169, 244, 219
RGB Percent	66%, 96%, 86%
CMY	0.3373, 0.0431, 0.1412
CMYK	0.31, 0.00, 0.10, 0.04
HSL	160°, 77%, 81%
HSV	160°, 31%, 96%
XYZ	61.4991, 78.2509, 78.8804
YIQ	218.7250, -36.6750, -23.6750

Conversions

Conversions Part 2

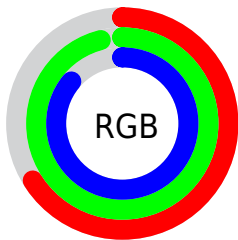
Format	Color
R_{YB}	169, 214, 244
Decimal	11138267
CIE _{Lab}	90.89, -28.29, 4.68
CIE _{LCh}	91, 28.674, 170.615
Yxy	78.2509, 0.2813, 0.3579
Android (android.graphics.Color)	4289328347 (0xFFA9F4DB)
YUV	218.7250, 0.1356, -43.6088
Hunter-Lab	88.4595, -30.7069, 9.0521

Details

The RYB color **169, 214, 244** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **244, 169, 194**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **226, 241, 255**, and **114, 157, 187** is the 20% darker color. If you saturate the color by 10%, you get **145, 204, 244**, and if you desaturate by 10%, it is **193, 224, 244**.

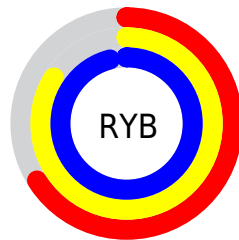
Distribution



Red (66%)

Green (96%)

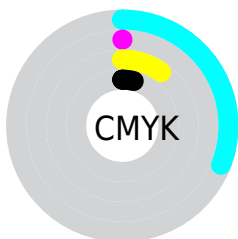
Blue (86%)



Red (66%)

Yellow (84%)

Blue (96%)

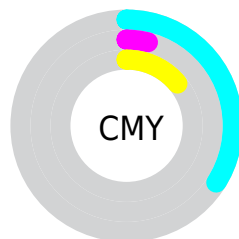


Cyan (31%)

Magenta (0%)

Yellow (10%)

Black (4%)



Cyan (34%)

Magenta (4%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 169, 214, 244 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 169, 214, 244 by changing the saturation by 10% instead.

 169, 214, 244


 169, 214, 244


255, 255, 255

 141, 185, 215

 226, 241, 255


 114, 157, 187

 88, 130, 160

 61, 104, 134

 33, 76, 108

 0, 47, 84

 0, 35, 60

 0, 24, 38


 0, 6, 6

 169, 214, 244


 169, 214, 244

 145, 204, 244


 193, 224, 244

 120, 194, 244


 218, 234, 244

 96, 185, 244


 242, 243, 244

 71, 175, 244

 255, 244, 252

 47, 165, 244

 255, 244, 255

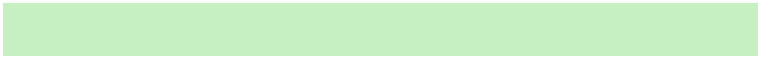
 23, 156, 244

 0, 146, 244

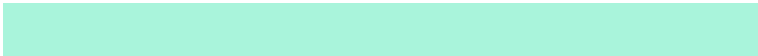
Harmonies

Analogous

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



193, 240, 235



169, 214, 244



151, 198, 247

Triad

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



169, 214, 244



222, 225, 255



255, 233, 188

Complementary

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



169, 214, 244



244, 169, 194

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, 210, 211



169, 214, 244



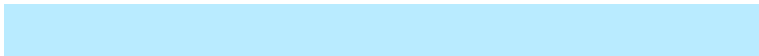
255, 216, 255

Square

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



169, 214, 244



185, 214, 255



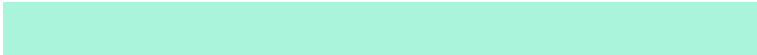
255, 210, 239



226, 255, 175

Rectangle

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



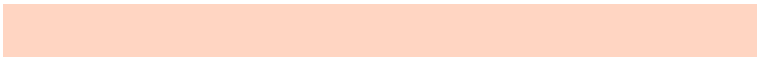
169, 214, 244



152, 200, 255



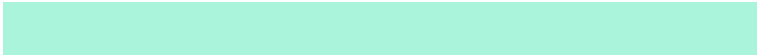
255, 210, 239



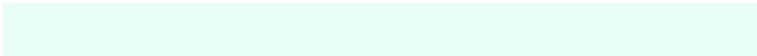
255, 222, 194

Sweetspot

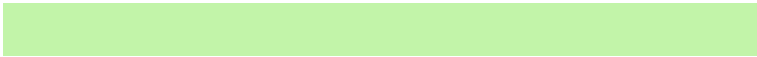
The Sweet Spot groups the original color and five complimentary colors.



169, 214, 244



232, 246, 255



169, 244, 219



113, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 214, 244



161, 217, 255



169, 203, 244



110, 117, 122



0, 112, 186



0, 36, 59

Inverse Universe

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



244, 169, 194



255, 161, 192



244, 183, 169



122, 110, 114



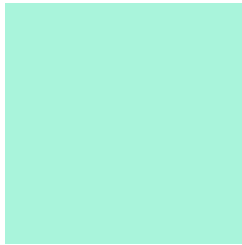
186, 0, 62



59, 0, 20

Previews

White Background



This preview shows how the RYB color 169, 214, 244 looks on a white background.

Color Contrast Check

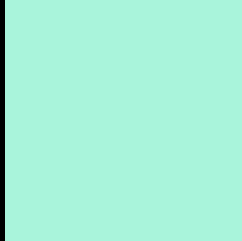
Large Text (above 18pt) WCAG AA × Fail

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 169, 214, 244 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

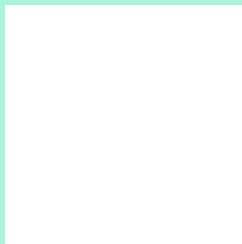
Any Text WCAG AAA ✓ Pass

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

RYB 169, 214, 244 Background



This preview shows how black text looks on a background with the RYB color 169, 214, 244.



This preview shows how white text looks on a background with the RYB color 169, 214, 244.

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





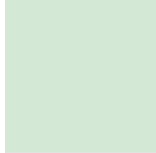
Tritanopia
183, 214, 255

Trichromacy



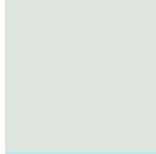
Original Color

169, 214, 244



Protanomaly

212, 232, 233



Deuteranomaly

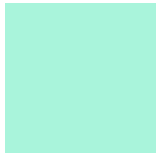
221, 228, 229



Tritanomaly

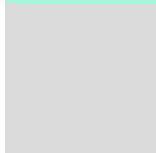
178, 209, 242

Monochromacy



Original Color

169, 214, 244



Achromatopsia

219, 219, 219



Achromatomaly

201, 217, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 214, 244 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(169, 244, 219)` looks like.

```
.text, #text, p{  
    color:rgb(169, 244, 219)  
}
```

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(169, 244, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 244, 219) }
```

Border

The CSS property to change the border of an element to RYB 169, 214, 244 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(169, 244, 219) }
```

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

```
.border{ border-color:rgb(169, 244, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 244, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 244, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 244, 219);  
box-shadow:4px 4px 4px 4px rgb(169, 244,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 169, 214, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 244, 219) }
```

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

```
.background{ background-color: rgb(169,  
244, 219) }
```

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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