

Converting Colors

`RYB(169, 203, 245)`

Have a look what the booklet for RYB(169, 203, 245) contains.

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Color

R_YB(169, 203, 245)

Conversions

Conversions Part 1

Format	Color
Hex	A9E7F5
RGB	169, 231, 245
RGB Percent	66%, 91%, 96%
CMY	0.3373, 0.0960, 0.0392
CMYK	0.31, 0.06, 0.00, 0.04
HSL	191°, 79%, 81%
HSV	191°, 31%, 96%
XYZ	61.2864, 71.9132, 97.0367
YIQ	214.0580, -41.4460, -8.7900

Conversions

Conversions Part 2

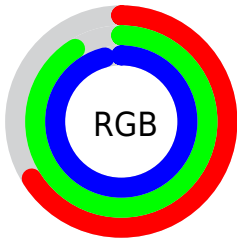
Format	Color
R _Y B	169, 203, 245
Decimal	11134965
CIE Lab	87.93, -16.00, -13.28
CIE LCh	88, 20.794, 219.700
Yxy	71.9132, 0.2662, 0.3123
Android (android.graphics.Color)	4289325045 (0xFFA9E7F5)
YUV	214.0580, 15.2544, -39.5159
Hunter-Lab	84.8017, -19.4004, -8.4831

Details

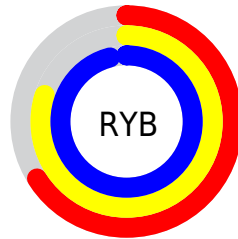
The RYB color **169, 203, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 186, 169**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **226, 241, 255**, and **114, 148, 189** is the 20% darker color. If you saturate the color by 10%, you get **145, 190, 245**, and if you desaturate by 10%, it is **194, 217, 245**.

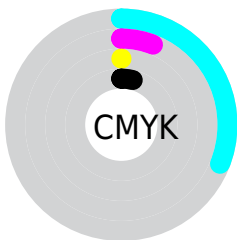
Distribution



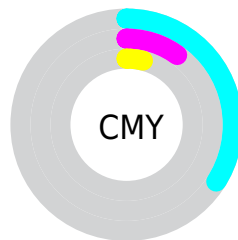
- Red (66%)
- Green (91%)
- Blue (96%)



- Red (66%)
- Yellow (80%)
- Blue (96%)



- Cyan (31%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 203, 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 169, 203, 245 by changing the saturation by 10% instead.


 169, 203, 245


255, 255, 255

 226, 241, 255


 169, 203, 245

 141, 175, 217

 114, 148, 189


 87, 121, 162

 60, 94, 136

 31, 67, 110

 0, 39, 86

 0, 28, 63

 0, 17, 41


 0, 1, 20

 169, 203, 245


 169, 203, 245

 145, 190, 245


 194, 217, 245

 120, 176, 245


 218, 230, 245

 95, 162, 245


 243, 244, 245

 71, 149, 245


 255, 252, 245

 46, 135, 245

 246, 255, 245

 22, 122, 245

 245, 255, 245

 0, 110, 245

Harmonies

Analogous

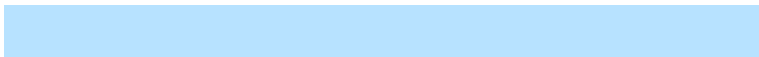
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171, 203, 232



169, 203, 245



183, 210, 255

Triad

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



169, 203, 245



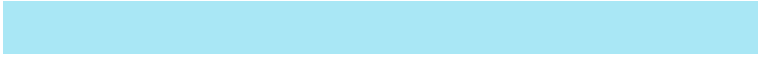
252, 208, 235



192, 229, 182

Complementary

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



169, 203, 245



245, 186, 169

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.



248, 244, 184



169, 203, 245



255, 207, 215

Square

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



169, 203, 245



232, 213, 251



255, 213, 196



190, 227, 210

Rectangle

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



169, 203, 245



198, 215, 255



255, 213, 196



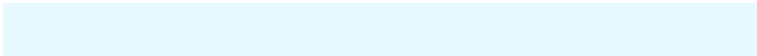
206, 236, 181

Sweetspot

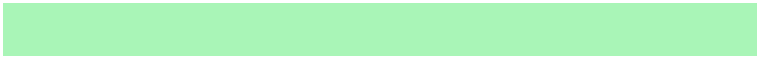
The Sweet Spot groups the original color and five complimentary colors.



169, 203, 245



232, 242, 255



169, 233, 245



113, 120, 128



0, 0, 0



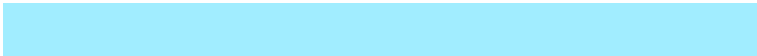
128, 128, 128

Same Dimension

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



169, 203, 245



161, 203, 255



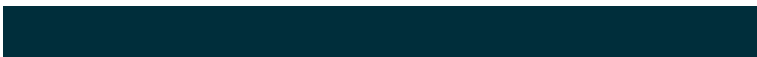
169, 187, 245



110, 115, 122



0, 83, 186



0, 26, 59

Inverse Universe

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



245, 169, 231



255, 161, 237



204, 245, 169



122, 110, 120



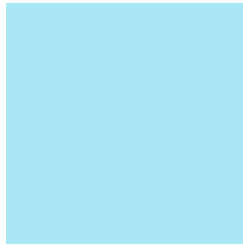
186, 0, 151



59, 0, 47

Previews

White Background



This preview shows how the RYB color 169, 203, 245 looks on a white background.

Color Contrast Check

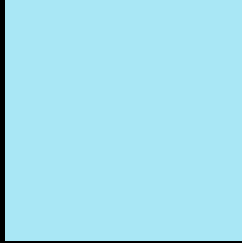
Large Text (above 18pt) WCAG AA × Fail

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 169, 203, 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](#).

RYP 169, 203, 245 Background



This preview shows how black text looks on a background with the RYP color 169, 203, 245.



This preview shows how white text looks on a background with the RYP color 169, 203, 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





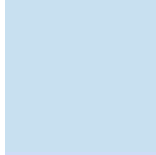
Tritanopia
170, 204, 248

Trichromacy



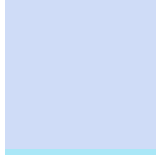
Original Color

169, 203, 245



Protanomaly

200, 215, 240



Deuteranomaly

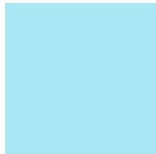
207, 217, 247



Tritanomaly

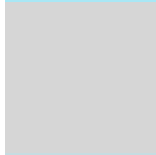
170, 204, 247

Monochromacy



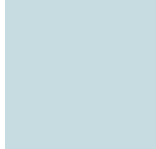
Original Color

169, 203, 245



Achromatopsia

214, 214, 214



Achromatomaly

198, 210, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 203, 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(169, 231, 245)` looks like.

```
.text, #text, p{  
    color:rgb(169, 231, 245)  
}
```

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, 231, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 231, 245) }
```

Border

The CSS property to change the border of an element to RYB 169, 203, 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(169, 231, 245) }
```

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

```
.border{ border-color:rgb(169, 231, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 231, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 231, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 231, 245); box-shadow:4px 4px 4px 4px rgb(169, 231, 245) }
```

Background

The CSS property to change the background color of an element to RYB 169, 203, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 231, 245) }
```

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

```
.background{ background-color: rgb(169,  
231, 245) }
```

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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