Converting Colors

RYB(169, 214, 243)

Have a look what the booklet for RYB(169, 214, 243) contains.

Color

RYB(169, 214, 243)

Conversions

Conversions Part 1

Format	Color
Hex	A9F3D9
RGB	169, 243, 217
RGB Percent	66%, 95%, 85%
CMY	0.3373, 0.0471, 0.1502
CMYK	0.30, 0.00, 0.11, 0.05
HSL	159°, 76%, 81%
HSV	159°, 30%, 95%
XYZ	60.8967, 77.5298, 77.1888
YIQ	217.9100, -35.7580, -23.7740

Conversions

Conversions Part 2

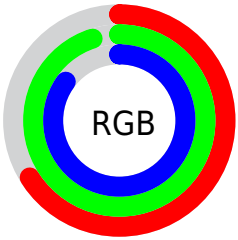
Format	Color
RYB	169, 214, 243
Decimal	11138009
CIELab	90.56, -28.29, 5.40
CIELCh	91, 28.798, 169.190
Yxy	77.5298, 0.2824, 0.3596
Android (android.graphics.Color)	4289328089 (0xFFA9F3D9)
YUV	217.9100, -0.4486, -42.8941
Hunter-Lab	88.0510, -30.6373, 9.6598

Details

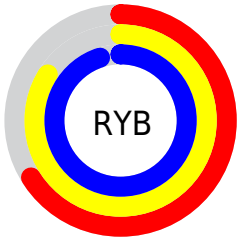
The RYB color 169, 214, 243 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 243, 169, 195, and the grayscale version is 218, 218, 218.

A 20% lighter version of the original color is 226, 241, 255, and 114, 158, 187 is the 20% darker color. If you saturate the color by 10%, you get 145, 205, 243, and if you desaturate by 10%, it is 193, 223, 243.

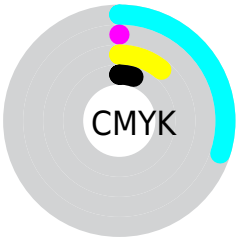
Distribution



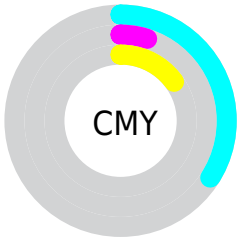
- Red (66%)
- Green (95%)
- Blue (85%)



- Red (66%)
- Yellow (84%)
- Blue (95%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (34%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 214, 243 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, 243 by changing the saturation by 10% instead.

169, 214, 243

255, 255, 255

226, 241, 255

169, 214, 243

141, 185, 214

114, 158, 187

88, 130, 159

61, 104, 133

33, 76, 107

0, 47, 83

0, 35, 59

0, 24, 37

0, 4, 4

169, 214, 243

145, 205, 243

120, 195, 243

96, 185, 243

72, 176, 243

48, 167, 243

23, 157, 243

0, 148, 243

169, 214, 243

193, 223, 243

218, 233, 243

242, 243, 243

255, 243, 251

255, 243, 255

Harmonies

Analogous

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

191, 239, 232

169, 214, 243

151, 198, 245

Triad

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

169, 214, 243

219, 223, 255

255, 232, 187

Complementary

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

169, 214, 243

243, 169, 195

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, 209, 211

169, 214, 243

254, 215, 255

Square

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

169, 214, 243

182, 212, 255

255, 209, 239

227, 255, 174

Rectangle

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

169, 214, 243

150, 199, 255

255, 209, 239

255, 220, 194

Sweetspot

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

169, 214, 243

232, 246, 255

169, 243, 216

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, 243

161, 218, 255

169, 203, 243

110, 117, 122

0, 113, 186

0, 36, 59

Inverse Universe

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

243, 169, 195

255, 161, 194

243, 181, 169

122, 110, 115

186, 0, 66

59, 0, 21

Previews

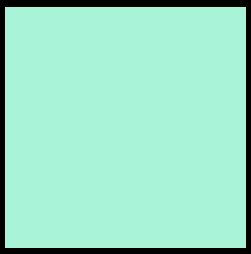
White Background

This preview shows how the RYB color 169, 214, 243 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



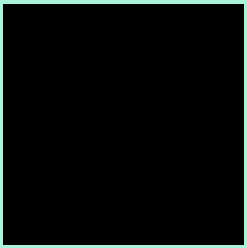
This preview shows how the RYB color 169, 214, 243 looks on a black background.

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, 243 Background



This preview shows how black text looks on a background with the RYB color 169, 214, 243.

This preview shows how white text looks on a background with the RYB color 169, 214, 243.

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
169, 214, 243

Protanopia
224, 236, 208

Deuteranopia
251, 220, 222

Tritanopia
180, 212, 255

Trichromacy

Original Color
169, 214, 243

Protanomaly
211, 232, 231

Deuteranomaly
220, 228, 227

Tritanomaly
176, 208, 241

Monochromacy

Original Color
169, 214, 243

Achromatopsia
218, 218, 218

Achromatomaly
200, 216, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 214, 243 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, 243, 217) looks like.

```
.text, #text, p{
    color:rgb(169, 243, 217)
}
```

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, 243, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 243, 217) }
```

Border

The CSS property to change the border of an element to RYB 169, 214, 243 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, 243, 217) }
```

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

```
.border{ border-color:rgb(169, 243, 217) }
```

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

Here you see how a box with a 4 pixel rgb(169, 243, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 243, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 243, 217); box-shadow:4px 4px 4px 4px rgb(169, 243, 217) }
```

Background

The CSS property to change the background color of an element to RYB 169, 214, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(169, 243, 217) }
```

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

```
.background{ background-color:rgb(169,
243, 217) }
```

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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