

Converting Colors

`RYB(174, 207, 243)`

Have a look what the booklet for
RYB(174, 207, 243) contains.

RYB(174, 207, 243)	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(174, 207, 243)

Conversions

Conversions Part 1

Format	Color
Hex	AEEDF3
RGB	174, 237, 243
RGB Percent	68%, 93%, 95%
CMY	0.3176, 0.0696, 0.0471
CMYK	0.28, 0.02, 0.00, 0.05
HSL	185°, 74%, 82%
HSV	185°, 28%, 95%
XYZ	63.9898, 76.1830, 96.1262
YIQ	218.8470, -39.4740, -11.4900

Conversions

Conversions Part 2

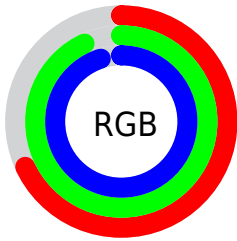
Format	Color
RYB	174, 207, 243
Decimal	11464179
CIELab	89.94, -18.43, -9.20
CIELCh	90, 20.602, 206.523
Yxy	76.1830, 0.2708, 0.3224
Android (android.graphics.Color)	4289654259 (0xFFAEEDF3)
YUV	218.8470, 11.9074, -39.3308
Hunter-Lab	87.2829, -21.8810, -4.1991

Details

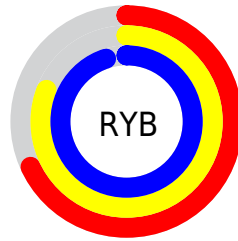
The RYB color **174, 207, 243** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **243, 181, 174**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **231, 243, 255**, and **119, 151, 187** is the 20% darker color. If you saturate the color by 10%, you get **150, 194, 243**, and if you desaturate by 10%, it is **198, 219, 243**.

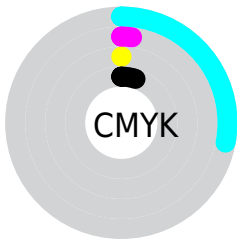
Distribution



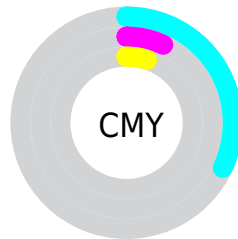
- Red (68%)
- Green (93%)
- Blue (95%)



- Red (68%)
- Yellow (81%)
- Blue (95%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (32%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 207, 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 174, 207, 243 by changing the saturation by 10% instead.

■ 174, 207, 243

255, 255, 255

■ 231, 243, 255

■ 174, 207, 243

■ 146, 179, 215

■ 119, 151, 187

■ 93, 125, 160

■ 66, 98, 134

■ 38, 72, 109

■ 1, 41, 84


■ 0, 29, 61

■ 0, 18, 39

■ 0, 1, 19

 174, 207, 243


 174, 207, 243

 150, 194, 243


 198, 219, 243

 125, 181, 243


 223, 232, 243

 101, 169, 243


 247, 243, 243

 77, 156, 243


 255, 245, 243

 52, 143, 243


 255, 249, 243

 28, 131, 243

 255, 255, 243

 4, 118, 243

 249, 255, 243

 0, 116, 243

 245, 255, 243

 243, 255, 243

Harmonies

Analogous

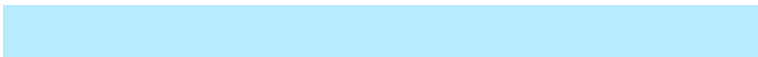
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182, 214, 238



174, 207, 243



181, 212, 255

Triad

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



174, 207, 243



250, 216, 248



218, 244, 187

Complementary

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



174, 207, 243



243, 181, 174

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, 234, 194



174, 207, 243



255, 213, 229

Square

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



174, 207, 243



227, 222, 255



255, 213, 209



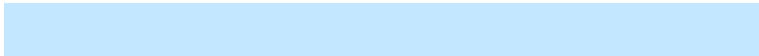
191, 230, 198

Rectangle

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



174, 207, 243



194, 217, 255



255, 213, 209



239, 250, 188

Sweetspot

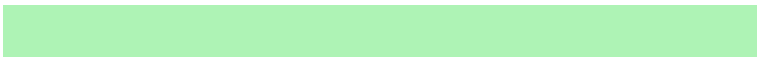
The Sweet Spot groups the original color and five complimentary colors.



174, 207, 243



232, 243, 255



174, 237, 243



113, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 207, 243



168, 210, 255



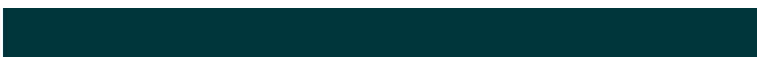
174, 195, 243



110, 116, 122



0, 89, 186



0, 28, 59

Inverse Universe

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



243, 174, 237



255, 168, 248



224, 243, 174



122, 110, 121



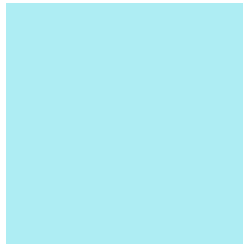
186, 0, 171



59, 0, 54

Previews

White Background



This preview shows how the RYB color 174, 207, 243 looks on a white background.

Color Contrast Check

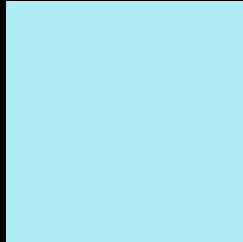
Large Text (above 18pt) WCAG AA × Fail

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 174, 207, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

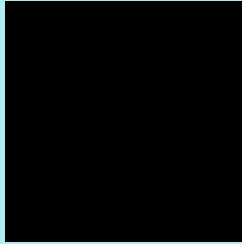
Any Text WCAG AA ✓ Pass

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 174, 207, 243 Background



This preview shows how black text looks on a background with the RYB color 174, 207, 243.



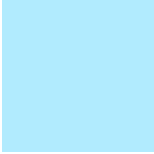
This preview shows how white text looks on a background with the RYB color 174, 207, 243.

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





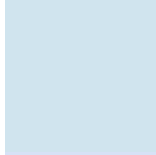
Tritanopia
177, 210, 254

Trichromacy



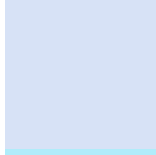
Original Color

174, 207, 243



Protanomaly

208, 220, 238



Deuteranomaly

215, 223, 246



Tritanomaly

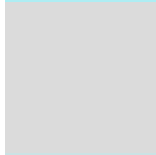
176, 209, 250

Monochromacy



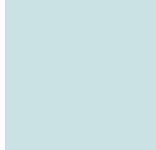
Original Color

174, 207, 243



Achromatopsia

219, 219, 219



Achromatomaly

203, 215, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 207, 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(174, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(174, 237, 243)  
}
```

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(174, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 237, 243) }
```

Border

The CSS property to change the border of an element to RYB 174, 207, 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(174, 237, 243) }
```

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

```
.border{ border-color:rgb(174, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 237, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 237, 243); box-shadow:4px 4px 4px 4px rgb(174, 237, 243) }
```

Background

The CSS property to change the background color of an element to RYB 174, 207, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 237, 243) }
```

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

```
.background{ background-color: rgb(174,  
237, 243) }
```

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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