

Converting Colors

`RYB(174, 213, 248)`

Have a look what the booklet for
RYB(174, 213, 248) contains.

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Color

R_YB(174, 213, 248)

Conversions

Conversions Part 1

Format	Color
Hex	AEF8F0
RGB	174, 248, 240
RGB Percent	68%, 97%, 94%
CMY	0.3176, 0.0275, 0.0572
CMYK	0.30, 0.00, 0.03, 0.03
HSL	174°, 84%, 83%
HSV	174°, 30%, 97%
XYZ	66.8122, 82.4492, 95.1509
YIQ	224.9620, -41.5360, -18.1760

Conversions

Conversions Part 2

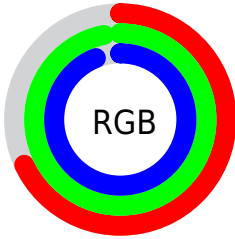
Format	Color
RYB	174, 213, 248
Decimal	11466992
CIELab	92.77, -24.28, -3.67
CIELCh	93, 24.552, 188.602
Yxy	82.4492, 0.2734, 0.3373
Android (android.graphics.Color)	4289657072 (0xFFAEF8F0)
YUV	224.9620, 7.4137, -44.6937
Hunter-Lab	90.8015, -27.5615, 1.4311

Details

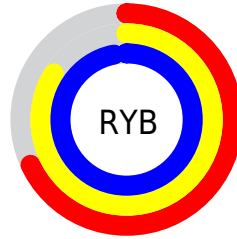
The RYB color **174, 213, 248** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **248, 174, 182**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **231, 243, 255**, and **119, 157, 191** is the 20% darker color. If you saturate the color by 10%, you get **149, 201, 248**, and if you desaturate by 10%, it is **199, 225, 248**.

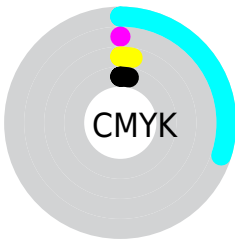
Distribution



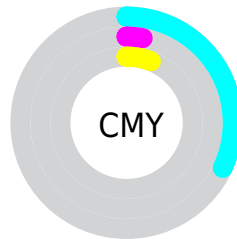
- Red (68%)
- Green (97%)
- Blue (94%)



- Red (68%)
- Yellow (84%)
- Blue (97%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (32%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 213, 248 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, 213, 248 by changing the saturation by 10% instead.

 174, 213, 248


255, 255, 255


 231, 243, 255

 174, 213, 248

 146, 184, 219

 119, 157, 191

 92, 130, 164

 65, 103, 138

 36, 76, 112

 0, 45, 87

 0, 33, 64

 0, 21, 41


 0, 9, 18

 174, 213, 248


 174, 213, 248

 149, 201, 248


 199, 225, 248

 124, 189, 248


 224, 237, 248

 100, 178, 248


 248, 248, 248

 75, 166, 248

 255, 248, 251

 50, 154, 248

 255, 248, 253

 25, 143, 248

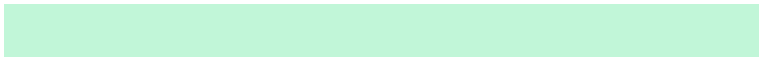
 255, 248, 255

 0, 131, 248

Harmonies

Analogous

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



193, 230, 246



174, 213, 248



171, 211, 255

Triad

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



174, 213, 248



247, 226, 255



241, 255, 191

Complementary

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



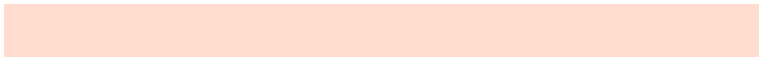
174, 213, 248



248, 174, 182

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, 226, 206



174, 213, 248



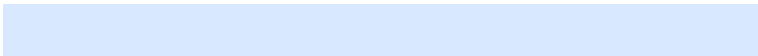
255, 220, 252

Square

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



174, 213, 248



216, 228, 255



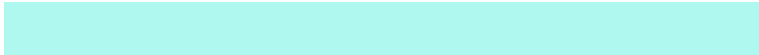
255, 218, 228



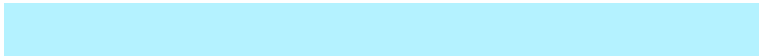
202, 246, 188

Rectangle

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



174, 213, 248



180, 214, 255



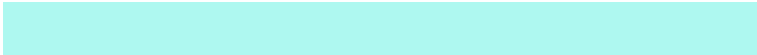
255, 218, 228



255, 255, 195

Sweetspot

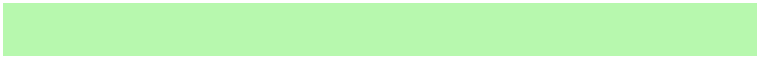
The Sweet Spot groups the original color and five complimentary colors.



174, 213, 248



232, 244, 255



174, 248, 239



113, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

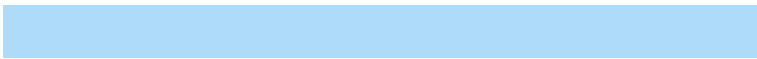
The Same Dimension uses a secret algorithm to generate beautiful new colors.



174, 213, 248



163, 211, 255



174, 202, 248



112, 119, 125



0, 100, 189



0, 32, 61

Inverse Universe

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



248, 174, 182



255, 163, 173



248, 219, 174



125, 112, 114



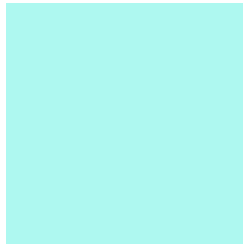
189, 0, 19



61, 0, 6

Previews

White Background



This preview shows how the RYB color 174, 213, 248 looks on a white background.

Color Contrast Check

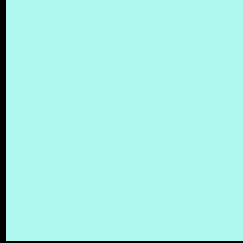
Large Text (above 18pt) WCAG AA × Fail

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, 213, 248 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, 213, 248 Background



This preview shows how black text looks on a background with the RYB color 174, 213, 248.

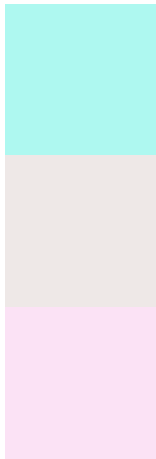


This preview shows how white text looks on a background with the RYB color 174, 213, 248.

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
174, 213, 248

Protanopia
238, 232, 231

Deuteranopia
251, 226, 245



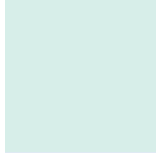
Tritanopia
198, 223, 255

Trichromacy



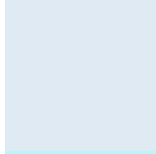
Original Color

174, 213, 248



Protanomaly

215, 228, 238



Deuteranomaly

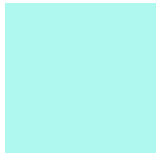
223, 230, 243



Tritanomaly

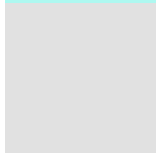
189, 218, 250

Monochromacy



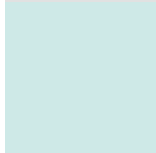
Original Color

174, 213, 248



Achromatopsia

225, 225, 225



Achromatomaly

206, 220, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 213, 248 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, 248, 240)` looks like.

```
.text, #text, p{  
    color:rgb(174, 248, 240)  
}
```

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, 248, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 248, 240) }
```

Border

The CSS property to change the border of an element to RYB 174, 213, 248 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, 248, 240) }
```

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

```
.border{ border-color:rgb(174, 248, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 248, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 248, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 248, 240);  
box-shadow:4px 4px 4px 4px rgb(174, 248,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 174, 213, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 248, 240) }
```

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

```
.background{ background-color: rgb(174,  
248, 240) }
```

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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