

Converting Colors

`RYB(171, 217, 242)`

Have a look what the booklet for
RYB(171, 217, 242) contains.

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Color

R_YB(171, 217, 242)

Conversions

Conversions Part 1

Format	Color
Hex	ABF2D2
RGB	171, 242, 210
RGB Percent	67%, 95%, 82%
CMY	0.3294, 0.0510, 0.1781
CMYK	0.29, 0.00, 0.13, 0.05
HSL	153°, 73%, 81%
HSV	153°, 29%, 95%
XYZ	60.1282, 76.7948, 72.3571
YIQ	217.1230, -32.0440, -25.0040

Conversions

Conversions Part 2

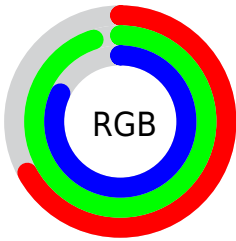
Format	Color
RYB	171, 217, 242
Decimal	11268818
CIELab	90.23, -28.65, 8.62
CIELCh	90, 29.921, 163.256
Yxy	76.7948, 0.2873, 0.3669
Android (android.graphics.Color)	4289458898 (0xFFABF2D2)
YUV	217.1230, -3.5116, -40.4499
Hunter-Lab	87.6326, -30.8813, 12.3879

Details

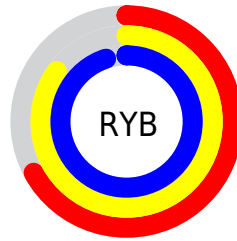
The RYB color **171, 217, 242** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **242, 171, 203**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **228, 242, 255**, and **117, 161, 186** is the 20% darker color. If you saturate the color by 10%, you get **147, 208, 242**, and if you desaturate by 10%, it is **195, 225, 242**.

Distribution



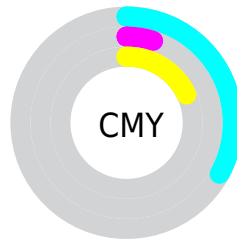
- Red (67%)
- Green (95%)
- Blue (82%)



- Red (67%)
- Yellow (85%)
- Blue (95%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (33%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 217, 242 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 171, 217, 242 by changing the saturation by 10% instead.


 171, 217, 242


255, 255, 255


 228, 242, 255

 171, 217, 242

 144, 188, 213

 117, 161, 186

 90, 133, 158

 64, 107, 132

 37, 80, 107

 2, 49, 82

 0, 36, 58

 0, 27, 37

 0, 2, 2

 171, 217, 242


 171, 217, 242

 147, 208, 242


 195, 225, 242

 123, 200, 242


 219, 234, 242

 98, 191, 242


 244, 242, 243


 74, 183, 242


 255, 242, 254

 50, 175, 242

 255, 242, 255

 26, 166, 242

 2, 158, 242

 0, 157, 242

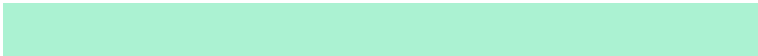
Harmonies

Analogous

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



185, 237, 219



171, 217, 242



148, 197, 243

Triad

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



171, 217, 242



210, 221, 255



255, 222, 189

Complementary

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



171, 217, 242



242, 171, 203

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, 206, 215



171, 217, 242



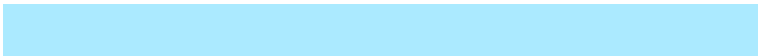
247, 215, 255

Square

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



171, 217, 242



171, 207, 255



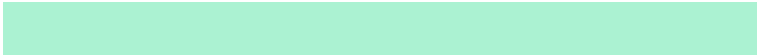
255, 208, 244



234, 255, 173

Rectangle

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



171, 217, 242



144, 196, 255



255, 208, 244



255, 212, 197

Sweetspot

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



171, 217, 242



232, 247, 255



171, 242, 209



113, 123, 128



0, 0, 0



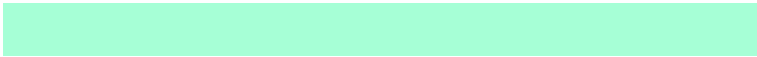
128, 128, 128

Same Dimension

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



171, 217, 242



166, 224, 255



171, 206, 242



108, 116, 120



0, 119, 184



0, 36, 56

Inverse Universe

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



242, 171, 203



255, 166, 206



242, 173, 171



120, 108, 113



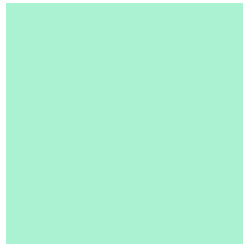
184, 0, 84



56, 0, 26

Previews

White Background



This preview shows how the RYB color 171, 217, 242 looks on a white background.

Color Contrast Check

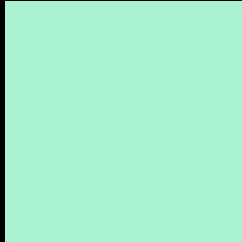
Large Text (above 18pt) WCAG AA × Fail

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 171, 217, 242 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

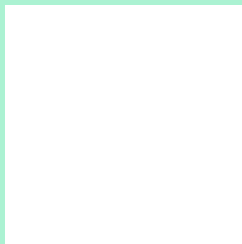
Any Text WCAG AAA ✓ Pass

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

R Y B 171, 217, 242 Background



This preview shows how black text looks on a background with the RYB color 171, 217, 242.

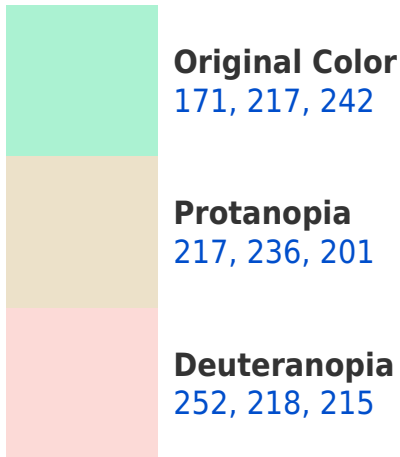


This preview shows how white text looks on a background with the RYB color 171, 217, 242.

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





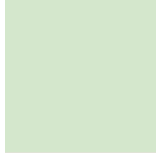
Tritanopia
180, 212, 254

Trichromacy



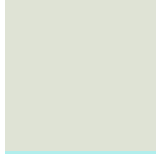
Original Color

171, 217, 242



Protanomaly

204, 231, 223



Deuteranomaly

213, 227, 217



Tritanomaly

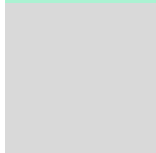
177, 208, 238

Monochromacy



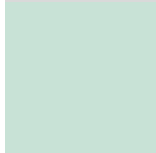
Original Color

171, 217, 242



Achromatopsia

217, 217, 217



Achromatomaly

200, 217, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 217, 242 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(171, 242, 210)` looks like.

```
.text, #text, p{  
    color:rgb(171, 242, 210)  
}
```

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(171, 242, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 242, 210) }
```

Border

The CSS property to change the border of an element to RYB 171, 217, 242 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(171, 242, 210) }
```

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

```
.border{ border-color:rgb(171, 242, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 242, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 242, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 242, 210);  
box-shadow:4px 4px 4px 4px rgb(171, 242,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 171, 217, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 242, 210) }
```

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

```
.background{ background-color: rgb(171,  
242, 210) }
```

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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