

Converting Colors

`RYB(182, 233, 214)`

Have a look what the booklet for
RYB(182, 233, 214) contains.

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Color

R_YB(182, 233, 214)

Conversions

Conversions Part 1

Format	Color
Hex	C9E9B6
RGB	201, 233, 182
RGB Percent	79%, 91%, 71%
CMY	0.2118, 0.0863, 0.2863
CMYK	0.14, 0.00, 0.22, 0.09
HSL	98°, 54%, 81%
HSV	98°, 22%, 91%
XYZ	61.6698, 74.0727, 55.3031
YIQ	217.6180, -2.7010, -22.6450

Conversions

Conversions Part 2

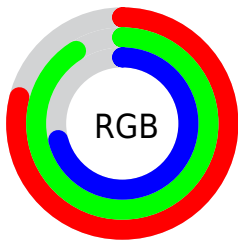
Format	Color
RYB	182, 233, 214
Decimal	13232566
CIELab	88.96, -19.54, 21.39
CIELCh	89, 28.969, 132.416
Yxy	74.0727, 0.3228, 0.3877
Android (android.graphics.Color)	4291422646 (0xFFC9E9B6)
YUV	217.6180, -17.5597, -14.5740
Hunter-Lab	86.0655, -22.7114, 22.1479

Details

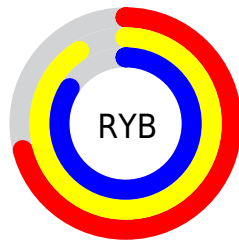
The RYB color **182, 233, 214** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **214, 182, 233**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **238, 255, 238**, and **129, 177, 159** is the 20% darker color. If you saturate the color by 10%, you get **159, 233, 206**, and if you desaturate by 10%, it is **205, 233, 222**.

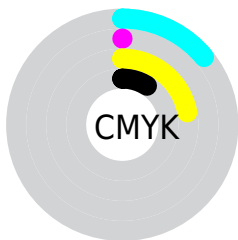
Distribution



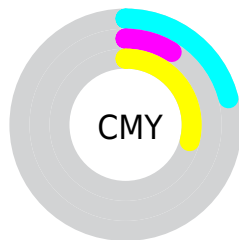
- Red (79%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 233, 214 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 182, 233, 214 by changing the saturation by 10% instead.

 182, 233, 214


255, 255, 255


 238, 255, 238

 182, 233, 214

 155, 205, 187

 129, 177, 159


 104, 150, 134

 79, 125, 109

 56, 99, 84

 34, 75, 62

 12, 53, 40

 0, 32, 32

 0, 0, 0

■ 182, 233, 214

■ 182, 233, 214

■ 159, 233, 206

■ 205, 233, 222

■ 135, 233, 196

■ 229, 233, 232

■ 112, 233, 188

■ 245, 233, 252

■ 89, 233, 179

■ 255, 233, 255

■ 66, 233, 171

■ 42, 233, 162

■ 19, 233, 153

■ 0, 233, 146

Harmonies

Analogous

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



177, 232, 169



182, 233, 214



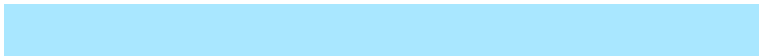
170, 214, 238

Triad

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



182, 233, 214



169, 205, 255



255, 204, 213

Complementary

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



182, 233, 214



214, 182, 233

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, 205, 241



182, 233, 214



206, 218, 255

Square

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



182, 233, 214



146, 196, 255



242, 212, 255



255, 217, 187

Rectangle

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



182, 233, 214



154, 200, 239



242, 212, 255



255, 204, 222

Sweetspot

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



182, 233, 214



237, 255, 248



215, 233, 182



117, 128, 124



0, 0, 0



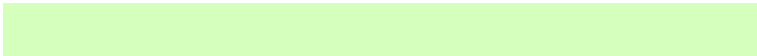
128, 128, 128

Same Dimension

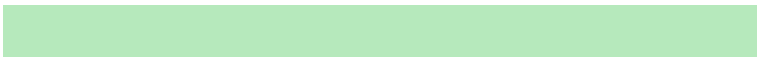
The Same Dimension uses a secret algorithm to generate beautiful new colors.



182, 233, 214



189, 255, 231



182, 228, 233



106, 117, 113



0, 181, 114



0, 54, 34

Inverse Universe

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



214, 182, 233



230, 189, 255



233, 182, 227



113, 106, 117



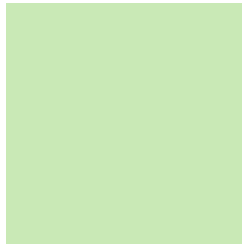
114, 0, 181



34, 0, 54

Previews

White Background



This preview shows how the RYB color 182, 233, 214 looks on a white background.

Color Contrast Check

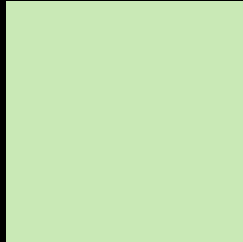
Large Text (above 18pt) WCAG AA × Fail

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 182, 233, 214 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

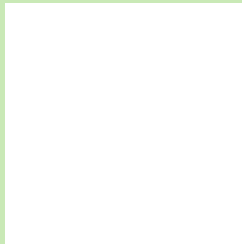
Any Text WCAG AAA ✓ Pass

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

RYP 182, 233, 214 Background



This preview shows how black text looks on a background with the RYP color 182, 233, 214.

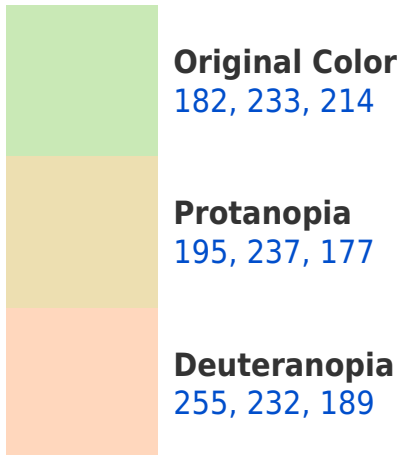


This preview shows how white text looks on a background with the RYP color 182, 233, 214.

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





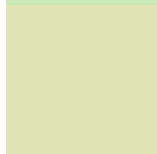
Tritanopia
210, 220, 243

Trichromacy



Original Color

182, 233, 214



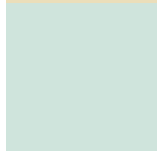
Protanomaly

179, 227, 182



Deuteranomaly

204, 235, 186



Tritanomaly

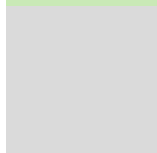
207, 220, 228

Monochromacy



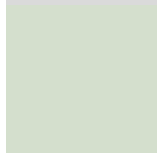
Original Color

182, 233, 214



Achromatopsia

218, 218, 218



Achromatomaly

205, 223, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 233, 214 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(201, 233, 182)` looks like.

```
.text, #text, p{  
    color:rgb(201, 233, 182)  
}
```

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(201, 233, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 233, 182) }
```

Border

The CSS property to change the border of an element to RYB 182, 233, 214 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(201, 233, 182) }
```

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

```
.border{ border-color:rgb(201, 233, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 233, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 233, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 233, 182);  
box-shadow:4px 4px 4px 4px rgb(201, 233,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 182, 233, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 233, 182) }
```

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

```
.background{ background-color: rgb(201,  
233, 182) }
```

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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