

Converting Colors

`RYB(182, 213, 245)`

Have a look what the booklet for
RYB(182, 213, 245) contains.

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Color

R_YB(182, 213, 245)

Conversions

Conversions Part 1

Format	Color
Hex	B6F3F5
RGB	182, 243, 245
RGB Percent	71%, 95%, 96%
CMY	0.2863, 0.0469, 0.0392
CMYK	0.26, 0.01, 0.00, 0.04
HSL	182°, 76%, 84%
HSV	182°, 26%, 96%
XYZ	67.8328, 80.6575, 98.3795
YIQ	224.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

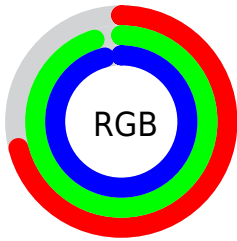
Format	Color
R_{YB}	182, 213, 245
Decimal	11990005
CIE _{Lab}	91.98, -18.60, -7.18
CIE _{LCh}	92, 19.940, 201.104
Yxy	80.6575, 0.2748, 0.3267
Android (android.graphics.Color)	4290180085 (0xFFB6F3F5)
YUV	224.9890, 9.8654, -37.7014
Hunter-Lab	89.8095, -22.3464, -2.0810

Details

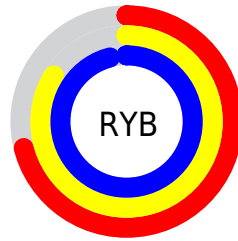
The RYB color **182, 213, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 184, 182**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **239, 247, 255**, and **127, 157, 189** is the 20% darker color. If you saturate the color by 10%, you get **157, 200, 245**, and if you desaturate by 10%, it is **206, 225, 245**.

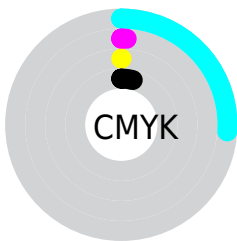
Distribution



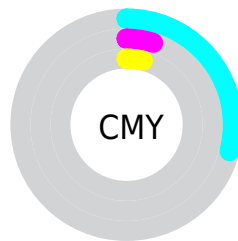
- Red (71%)
- Green (95%)
- Blue (96%)



- Red (71%)
- Yellow (84%)
- Blue (96%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 213, 245 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, 213, 245 by changing the saturation by 10% instead.

 182, 213, 245


255, 255, 255


 239, 247, 255

 182, 213, 245


 154, 185, 217


 127, 157, 189

 101, 131, 162

 74, 104, 136

 48, 78, 110

 18, 51, 86

 0, 31, 63

 0, 20, 41

 0, 8, 21

 182, 213, 245

 182, 213, 245

 157, 200, 245


 206, 225, 245

 133, 188, 245


 231, 238, 245

 108, 175, 245


 255, 245, 245

 84, 163, 245


 255, 246, 245

 59, 150, 245

 255, 248, 245

 35, 138, 245

 255, 249, 245

 10, 126, 245

 255, 252, 245

 0, 120, 245

 255, 255, 245

Harmonies

Analogous

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



192, 223, 243



182, 213, 245



186, 216, 255

Triad

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



182, 213, 245



251, 223, 255



236, 253, 195

Complementary

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



182, 213, 245



245, 184, 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, 236, 203



182, 213, 245



255, 219, 238

Square

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



182, 213, 245



228, 229, 255



255, 219, 219



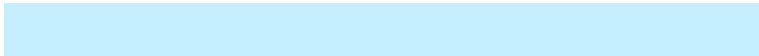
196, 235, 198

Rectangle

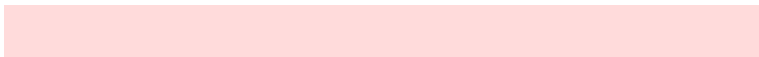
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



182, 213, 245



197, 221, 255



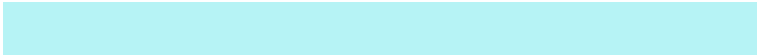
255, 219, 219



249, 255, 196

Sweetspot

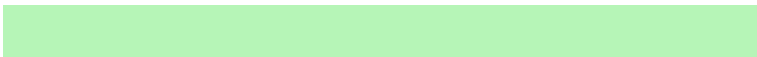
The Sweet Spot groups the original color and five complimentary colors.



182, 213, 245



235, 245, 255



182, 244, 245



115, 121, 128



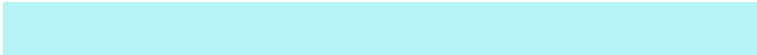
0, 0, 0



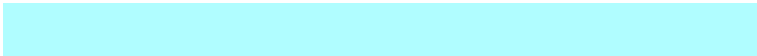
128, 128, 128

Same Dimension

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



182, 213, 245



176, 215, 255



182, 202, 245



110, 116, 122



0, 91, 186



0, 29, 59

Inverse Universe

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



245, 182, 243



255, 176, 253



239, 245, 182



122, 110, 122



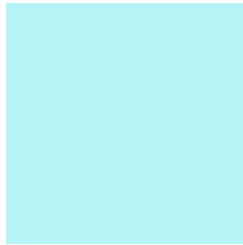
186, 0, 180



59, 0, 57

Previews

White Background



This preview shows how the RYB color 182, 213, 245 looks on a white background.

Color Contrast Check

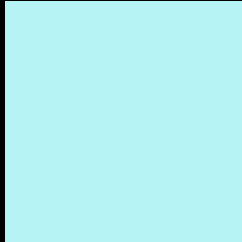
Large Text (above 18pt) WCAG AA × Fail

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, 213, 245 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 182, 213, 245 Background



This preview shows how black text looks on a background with the RYB color 182, 213, 245.

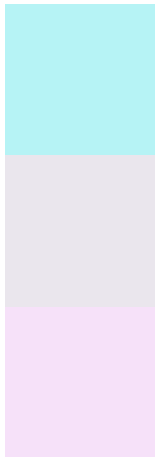


This preview shows how white text looks on a background with the RYB color 182, 213, 245.

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
182, 213, 245

Protanopia
234, 230, 237

Deuteranopia
246, 225, 249

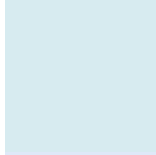


Tritanopia
195, 220, 255

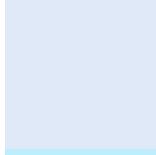
Trichromacy



Original Color
182, 213, 245



Protanomaly
215, 226, 240



Deuteranomaly
223, 230, 248

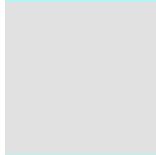


Tritanomaly
190, 217, 251

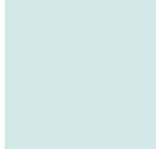
Monochromacy



Original Color
182, 213, 245



Achromatopsia
225, 225, 225



Achromatomaly
209, 221, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 213, 245 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(182, 243, 245)` looks like.

```
.text, #text, p{  
    color:rgb(182, 243, 245)  
}
```

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(182, 243, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 243, 245) }
```

Border

The CSS property to change the border of an element to RYB 182, 213, 245 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(182, 243, 245) }
```

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

```
.border{ border-color:rgb(182, 243, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 243, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 243, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 243, 245);  
box-shadow:4px 4px 4px 4px rgb(182, 243,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 182, 213, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 243, 245) }
```

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

```
.background{ background-color: rgb(182,  
243, 245) }
```

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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