

Converting Colors

`RYB(182, 215, 250)`

Have a look what the booklet for
RYB(182, 215, 250) contains.

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Color

R_YB(182, 215, 250)

Conversions

Conversions Part 1

Format	Color
Hex	B6F6FA
RGB	182, 246, 250
RGB Percent	71%, 96%, 98%
CMY	0.2863, 0.0348, 0.0196
CMYK	0.27, 0.02, 0.00, 0.02
HSL	183°, 87%, 85%
HSV	183°, 27%, 98%
XYZ	69.5373, 82.8283, 102.7649
YIQ	227.3200, -39.4280, -12.3240

Conversions

Conversions Part 2

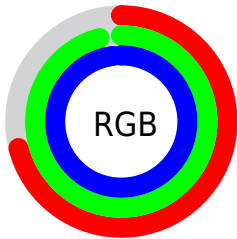
Format	Color
R _Y B	182, 215, 250
Decimal	11990778
CIE Lab	92.94, -19.03, -8.36
CIE LCh	93, 20.783, 203.705
Yxy	82.8283, 0.2726, 0.3247
Android (android.graphics.Color)	4290180858 (0xFFB6F6FA)
YUV	227.3200, 11.1812, -39.7456
Hunter-Lab	91.0101, -22.8826, -3.2409

Details

The RYB color **182, 215, 250** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **250, 186, 182**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **239, 247, 255**, and **127, 159, 194** is the 20% darker color. If you saturate the color by 10%, you get **157, 202, 250**, and if you desaturate by 10%, it is **207, 228, 250**.

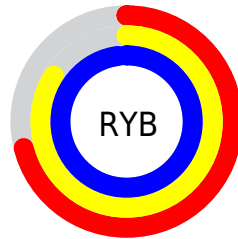
Distribution



Red (71%)

Green (96%)

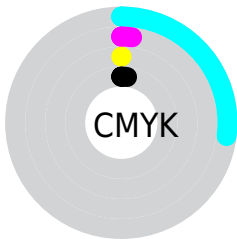
Blue (98%)



Red (71%)

Yellow (84%)

Blue (98%)

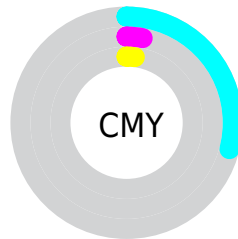


Cyan (27%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (3%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 215, 250 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, 215, 250 by changing the saturation by 10% instead.


 182, 215, 250

255, 255, 255


 239, 247, 255

 182, 215, 250

 154, 187, 221

 127, 159, 194

 100, 132, 166

 74, 106, 140

 47, 80, 115

 15, 51, 90

 0, 32, 67

 0, 21, 45


 0, 11, 24

 182, 215, 250


 182, 215, 250

 157, 202, 250


 207, 228, 250

 132, 189, 250


 232, 241, 250

 107, 176, 250


 255, 250, 250

 82, 163, 250

 255, 253, 250

 57, 151, 250

 253, 255, 250

 32, 138, 250

 250, 255, 250

 7, 125, 250

 0, 121, 250

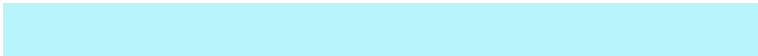
Harmonies

Analogous

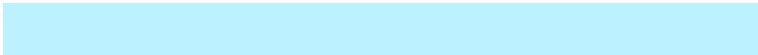
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191, 223, 246



182, 215, 250



188, 218, 255

Triad

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



182, 215, 250



255, 225, 255



232, 255, 195

Complementary

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



182, 215, 250



250, 186, 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, 244, 203



182, 215, 250



255, 221, 240

Square

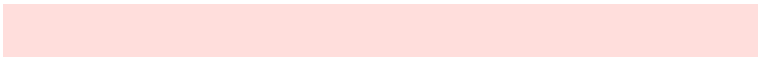
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



182, 215, 250



233, 231, 255



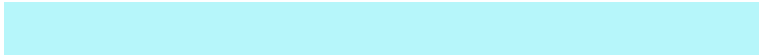
255, 222, 220



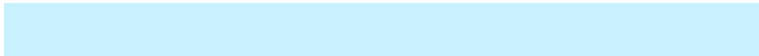
198, 238, 203

Rectangle

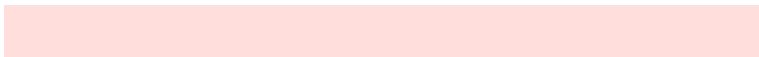
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



182, 215, 250



200, 223, 255



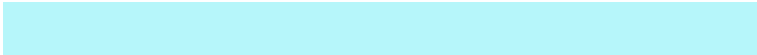
255, 222, 220



241, 255, 197

Sweetspot

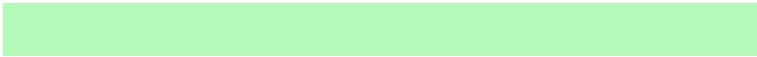
The Sweet Spot groups the original color and five complimentary colors.



182, 215, 250



235, 245, 255



182, 247, 250



115, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

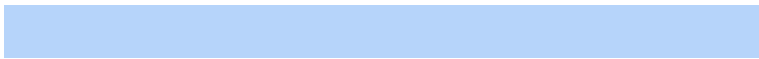
The Same Dimension uses a secret algorithm to generate beautiful new colors.



182, 215, 250



171, 212, 255



182, 203, 250



112, 118, 125



0, 92, 189



0, 30, 61

Inverse Universe

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



250, 182, 246



255, 171, 250



239, 250, 182



125, 112, 124



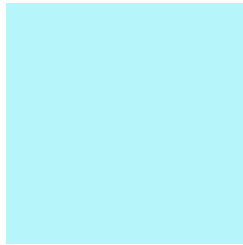
189, 0, 178



61, 0, 58

Previews

White Background



This preview shows how the RYB color 182, 215, 250 looks on a white background.

Color Contrast Check

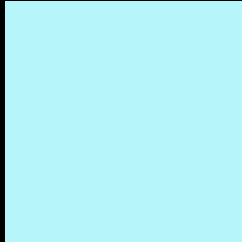
Large Text (above 18pt) WCAG AA × Fail

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, 215, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

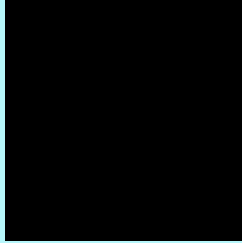
Any Text WCAG AA ✓ Pass

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, 215, 250 Background



This preview shows how black text looks on a background with the RYB color 182, 215, 250.

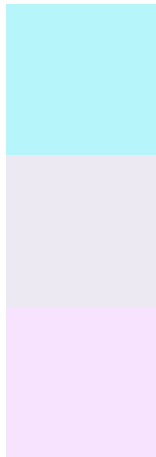


This preview shows how white text looks on a background with the RYB color 182, 215, 250.

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, 215, 250

Protanopia
236, 233, 242

Deuteranopia
248, 227, 254

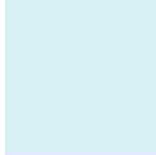


Tritanopia
201, 224, 255

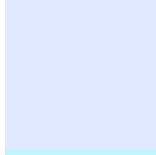
Trichromacy



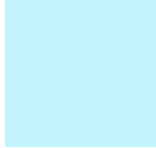
Original Color
182, 215, 250



Protanomaly
216, 229, 245



Deuteranomaly
224, 231, 253

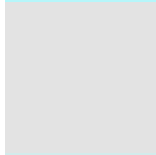


Tritanomaly
194, 221, 253

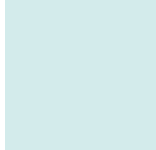
Monochromacy



Original Color
182, 215, 250



Achromatopsia
227, 227, 227



Achromatomaly
211, 223, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 215, 250 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, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(182, 246, 250)  
}
```

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, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 246, 250) }
```

Border

The CSS property to change the border of an element to RYB 182, 215, 250 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, 246, 250) }
```

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

```
.border{ border-color:rgb(182, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(182, 246,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 182, 215, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 246, 250) }
```

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

```
.background{ background-color: rgb(182,  
246, 250) }
```

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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