

Converting Colors

`RYB(183, 214, 255)`

Have a look what the booklet for
RYB(183, 214, 255) contains.

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Color

R_YB(183, 214, 255)

Conversions

Conversions Part 1

Format	Color
Hex	B7EDFF
RGB	183, 237, 255
RGB Percent	72%, 93%, 100%
CMY	0.2824, 0.0689, 0.0000
CMYK	0.28, 0.07, 0.00, 0.00
HSL	195°, 100%, 86%
HSV	195°, 28%, 100%
XYZ	67.9899, 78.1102, 106.1011
YIQ	222.9060, -37.9620, -5.8500

Conversions

Conversions Part 2

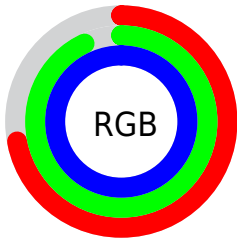
Format	Color
R _Y B	183, 214, 255
Decimal	12054015
CIE Lab	90.83, -13.31, -14.09
CIE LCh	91, 19.381, 226.644
Yxy	78.1102, 0.2696, 0.3097
Android (android.graphics.Color)	4290244095 (0xFFB7EDFF)
YUV	222.9060, 15.8223, -34.9976
Hunter-Lab	88.3800, -17.3466, -9.3123

Details

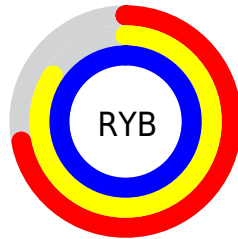
The RYB color **183, 214, 255** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 207, 183**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **240, 248, 255**, and **128, 158, 198** is the 20% darker color. If you saturate the color by 10%, you get **158, 200, 255**, and if you desaturate by 10%, it is **209, 229, 255**.

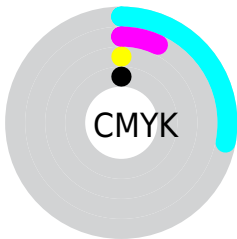
Distribution



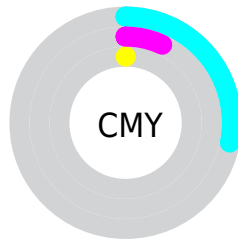
- Red (72%)
- Green (93%)
- Blue (100%)



- Red (72%)
- Yellow (84%)
- Blue (100%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 214, 255 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 183, 214, 255 by changing the saturation by 10% instead.

 183, 214, 255


255, 255, 255


 240, 248, 255

 183, 214, 255


 155, 186, 226


 128, 158, 198

 101, 131, 171

 75, 105, 144

 48, 79, 119

 18, 52, 94

 0, 31, 70

 0, 20, 48

 0, 6, 28

■ 183, 214, 255

■ 183, 214, 255

■ 158, 200, 255

■ 209, 229, 255

■ 132, 185, 255

■ 234, 243, 255

■ 106, 170, 255

255, 255, 255

■ 81, 156, 255

■ 56, 142, 255

■ 30, 127, 255

■ 5, 113, 255

■ 0, 110, 255

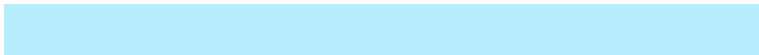
Harmonies

Analogous

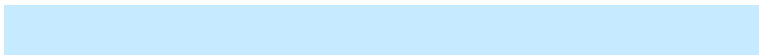
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181, 211, 240



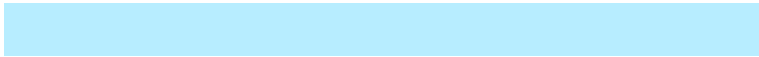
183, 214, 255



198, 220, 255

Triad

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



183, 214, 255



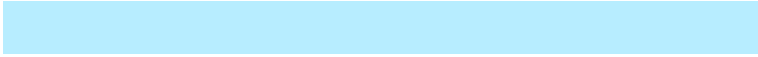
255, 217, 238



194, 232, 193

Complementary

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



183, 214, 255



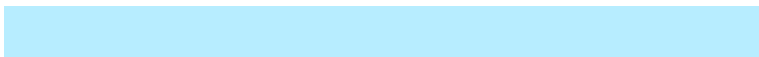
255, 207, 183

Split Complementary

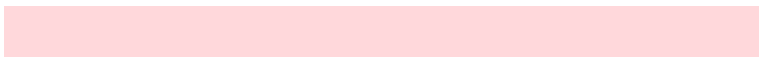
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 252, 193



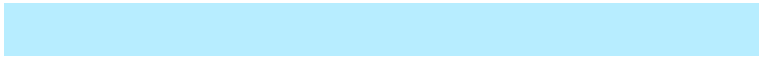
183, 214, 255



255, 216, 219

Square

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



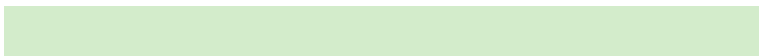
183, 214, 255



245, 221, 254



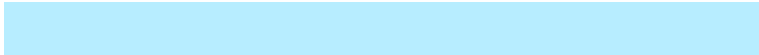
255, 227, 202



203, 236, 228

Rectangle

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



183, 214, 255



214, 225, 255



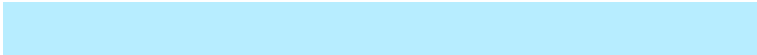
255, 227, 202



205, 239, 192

Sweetspot

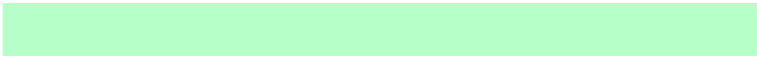
The Sweet Spot groups the original color and five complimentary colors.



183, 214, 255



235, 244, 255



183, 241, 255



115, 120, 128



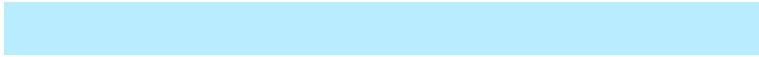
0, 0, 0



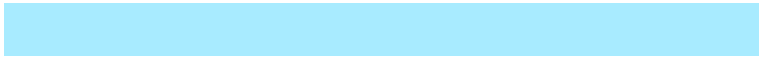
128, 128, 128

Same Dimension

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



183, 214, 255



168, 206, 255



183, 198, 255



115, 120, 128



0, 82, 191



0, 27, 64

Inverse Universe

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



255, 183, 237



255, 168, 234



209, 255, 183



128, 115, 124



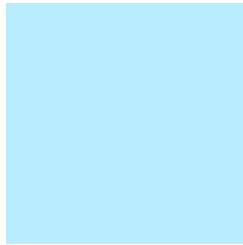
191, 0, 145



64, 0, 48

Previews

White Background



This preview shows how the RYB color 183, 214, 255 looks on a white background.

Color Contrast Check

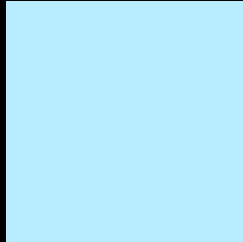
Large Text (above 18pt) WCAG AA × Fail

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 183, 214, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

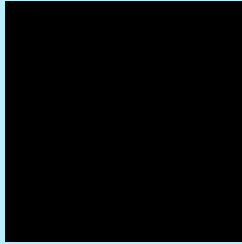
Any Text WCAG AA ✓ Pass

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 183, 214, 255 Background



This preview shows how black text looks on a background with the RYB color 183, 214, 255.




This preview shows how white text looks on a background with the RYB color 183, 214, 255.

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





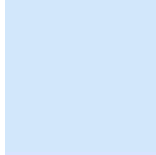
Tritanopia
186, 215, 255

Trichromacy



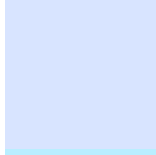
Original Color

183, 214, 255



Protanomaly

210, 224, 251



Deuteranomaly

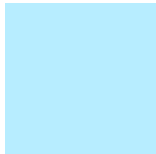
216, 225, 255



Tritanomaly

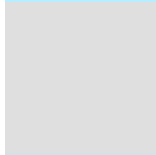
185, 215, 255

Monochromacy



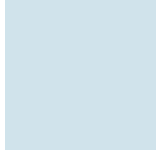
Original Color

183, 214, 255



Achromatopsia

223, 223, 223



Achromatomaly

208, 219, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 214, 255 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(183, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 237, 255)  
}
```

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(183, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 237, 255) }
```

Border

The CSS property to change the border of an element to RYB 183, 214, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

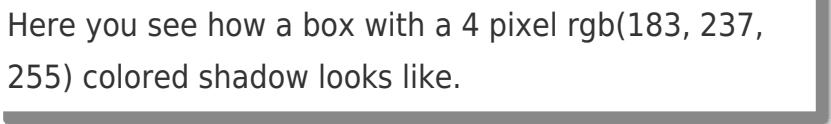
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 237, 255) }
```

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

```
.border{ border-color:rgb(183, 237, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 237,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 183, 214, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 237, 255) }
```

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

```
.background{ background-color: rgb(183,  
237, 255) }
```

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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