

Converting Colors

`RYB(181, 218, 240)`

Have a look what the booklet for
RYB(181, 218, 240) contains.

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Color

R_YB(181, 218, 240)

Conversions

Conversions Part 1

Format	Color
Hex	B5F0D8
RGB	181, 240, 216
RGB Percent	71%, 94%, 85%
CMY	0.2902, 0.0588, 0.1526
CMYK	0.25, 0.00, 0.10, 0.06
HSL	156°, 66%, 83%
HSV	156°, 25%, 94%
XYZ	62.6213, 77.1060, 76.6032
YIQ	219.6230, -27.4600, -19.9720

Conversions

Conversions Part 2

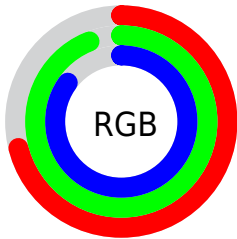
Format	Color
RYB	181, 218, 240
Decimal	11923672
CIELab	90.37, -23.42, 5.52
CIELCh	90, 24.059, 166.741
Yxy	77.1060, 0.2895, 0.3564
Android (android.graphics.Color)	4290113752 (0xFFB5F0D8)
YUV	219.6230, -1.7861, -33.8724
Hunter-Lab	87.8100, -26.3711, 9.7440

Details

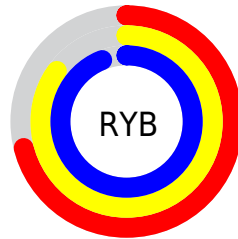
The RYB color **181, 218, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 181, 205**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **238, 247, 255**, and **127, 163, 184** is the 20% darker color. If you saturate the color by 10%, you get **157, 209, 240**, and if you desaturate by 10%, it is **205, 227, 240**.

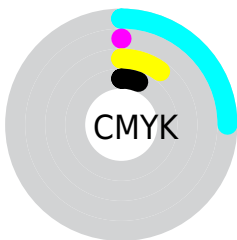
Distribution



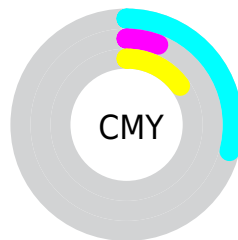
- Red (71%)
- Green (94%)
- Blue (85%)



- Red (71%)
- Yellow (85%)
- Blue (94%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (29%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 218, 240 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 181, 218, 240 by changing the saturation by 10% instead.

■ 181, 218, 240

255, 255, 255

■ 238, 247, 255

■ 181, 218, 240

■ 154, 191, 212

■ 127, 163, 184

■ 101, 136, 157

■ 75, 109, 131

■ 50, 84, 105

■ 24, 58, 81

■ 0, 33, 57

■ 0, 23, 36

■ 0, 3, 3

 181, 218, 240

 181, 218, 240

 157, 209, 240


 205, 227, 240

 133, 200, 240


 229, 236, 240


 109, 191, 240


 253, 240, 245

 85, 182, 240

 255, 240, 255

 61, 173, 240

 37, 164, 240

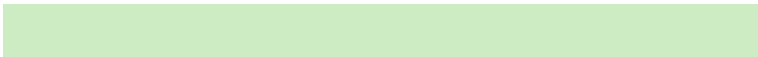
 13, 155, 240

 0, 150, 240

Harmonies

Analogous

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



195, 236, 226



181, 218, 240



166, 204, 241

Triad

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



181, 218, 240



218, 224, 255



255, 225, 195

Complementary

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



181, 218, 240



240, 181, 205

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, 211, 215



181, 218, 240



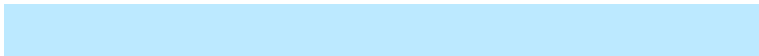
247, 217, 255

Square

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



181, 218, 240



188, 215, 255



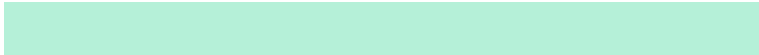
255, 212, 239



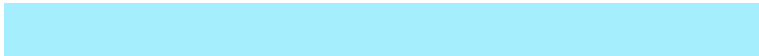
244, 255, 183

Rectangle

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



181, 218, 240



165, 205, 254



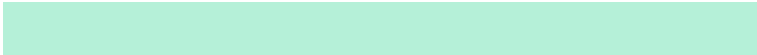
255, 212, 239



255, 218, 201

Sweetspot

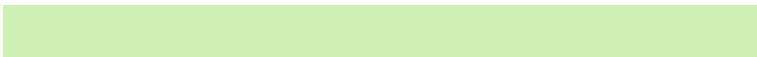
The Sweet Spot groups the original color and five complimentary colors.



181, 218, 240



237, 248, 255



181, 240, 215



117, 124, 128



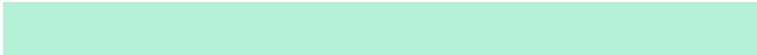
0, 0, 0



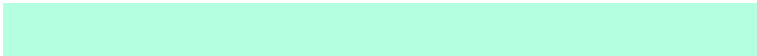
128, 128, 128

Same Dimension

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



181, 218, 240



179, 227, 255



181, 209, 240



108, 116, 120



0, 116, 184



0, 35, 56

Inverse Universe

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



240, 181, 205



255, 179, 210



240, 186, 181



120, 108, 113



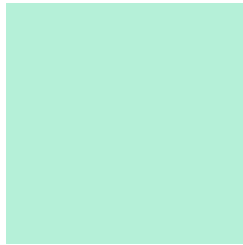
184, 0, 74



56, 0, 23

Previews

White Background



This preview shows how the RYB color 181, 218, 240 looks on a white background.

Color Contrast Check

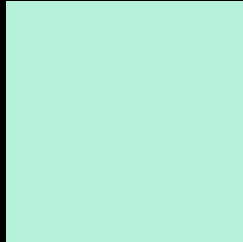
Large Text (above 18pt) WCAG AA × Fail

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 181, 218, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

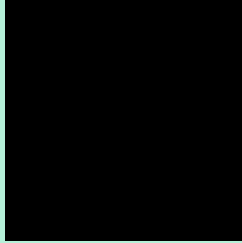
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

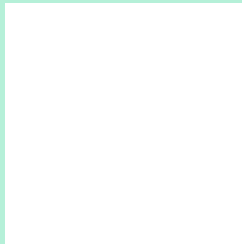
Any Text WCAG AAA ✓ Pass

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

RYB 181, 218, 240 Background



This preview shows how black text looks on a background with the RYB color 181, 218, 240.

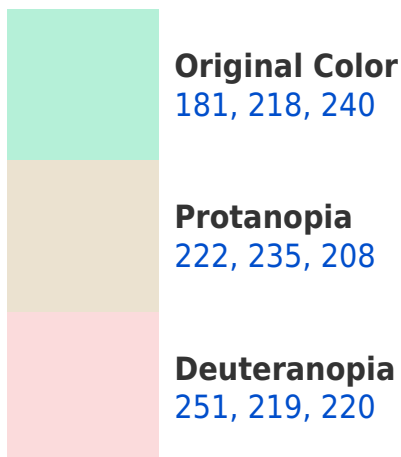



This preview shows how white text looks on a background with the RYB color 181, 218, 240.

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





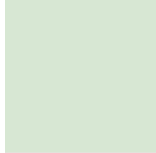
Tritanopia
188, 215, 253

Trichromacy



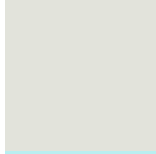
Original Color

181, 218, 240



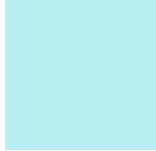
Protanomaly

211, 231, 227



Deuteranomaly

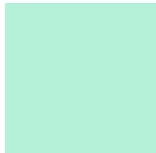
219, 227, 220



Tritanomaly

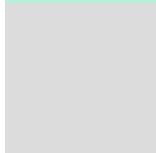
185, 212, 240

Monochromacy



Original Color

181, 218, 240



Achromatopsia

220, 220, 220



Achromatomaly

206, 219, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 218, 240 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(181, 240, 216)` looks like.

```
.text, #text, p{  
    color:rgb(181, 240, 216)  
}
```

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(181, 240, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 240, 216) }
```

Border

The CSS property to change the border of an element to RYB 181, 218, 240 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(181, 240, 216) }
```

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

```
.border{ border-color:rgb(181, 240, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 240, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 240, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 240, 216);  
box-shadow:4px 4px 4px 4px rgb(181, 240,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 181, 218, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 240, 216) }
```

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

```
.background{ background-color: rgb(181,  
240, 216) }
```

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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