

Converting Colors

`RYB(181, 227, 222)`

Have a look what the booklet for
RYB(181, 227, 222) contains.

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Color

R_YB(181, 227, 222)

Conversions

Conversions Part 1

Format	Color
Hex	BAE3B5
RGB	186, 227, 181
RGB Percent	73%, 89%, 71%
CMY	0.2706, 0.1098, 0.2902
CMYK	0.18, 0.00, 0.20, 0.11
HSL	113°, 45%, 80%
HSV	113°, 20%, 89%
XYZ	56.0593, 68.7135, 54.0245
YIQ	209.4970, -9.6700, -22.9980

Conversions

Conversions Part 2

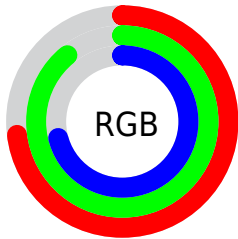
Format	Color
RYB	181, 227, 222
Decimal	12247989
CIELab	86.36, -21.90, 18.15
CIELCh	86, 28.446, 140.347
Yxy	68.7135, 0.3135, 0.3843
Android (android.graphics.Color)	4290438069 (0xFFBAE3B5)
YUV	209.4970, -14.0490, -20.6069
Hunter-Lab	82.8936, -24.3478, 19.3843

Details

The RYB color **181, 227, 222** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **222, 181, 227**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **237, 255, 249**, and **128, 171, 167** is the 20% darker color. If you saturate the color by 10%, you get **158, 227, 219**, and if you desaturate by 10%, it is **204, 227, 225**.

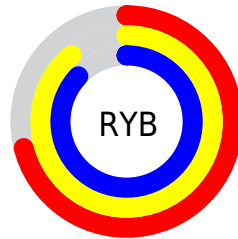
Distribution



Red (73%)

Green (89%)

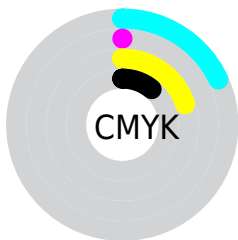
Blue (71%)



Red (71%)

Yellow (89%)

Blue (87%)

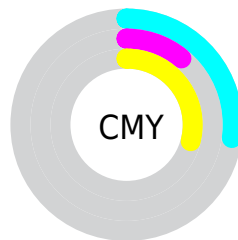


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 181, 227, 222 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, 227, 222 by changing the saturation by 10% instead.

 181, 227, 222

255, 255, 255


 237, 255, 249

 181, 227, 222

 154, 199, 194


 128, 171, 167

 103, 145, 141

 79, 119, 116

 55, 94, 91

 34, 70, 70

 10, 46, 48

 0, 28, 28

 0, 0, 0

 181, 227, 222

 181, 227, 222

 158, 227, 219

 204, 227, 225

 136, 227, 217

 226, 227, 227

 113, 227, 215

 247, 227, 249

 90, 227, 212

 255, 227, 255

 68, 227, 210

 45, 227, 207

 22, 227, 205

 0, 227, 202

Harmonies

Analogous

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



165, 220, 168



181, 227, 222



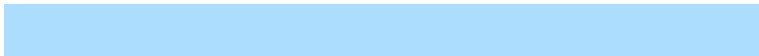
157, 202, 231

Triad

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



181, 227, 222



172, 203, 255



255, 197, 199

Complementary

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



181, 227, 222



222, 181, 227

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, 197, 226



181, 227, 222



209, 212, 255

Square

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



181, 227, 222



144, 192, 255



242, 203, 251



255, 217, 176

Rectangle

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



181, 227, 222



143, 189, 231



242, 203, 251



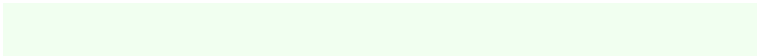
255, 197, 208

Sweetspot

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



181, 227, 222



240, 255, 254



187, 227, 181



119, 128, 127



0, 0, 0



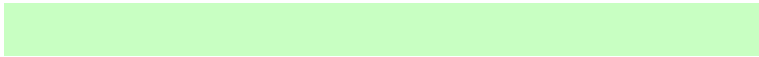
128, 128, 128

Same Dimension

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



181, 227, 222



194, 255, 249



181, 214, 227



103, 115, 113



0, 179, 160



0, 51, 45

Inverse Universe

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



222, 181, 227



248, 194, 255



227, 181, 209



114, 103, 115



159, 0, 179



45, 0, 51

Previews

White Background



This preview shows how the RYB color 181, 227, 222 looks on a white background.

Color Contrast Check

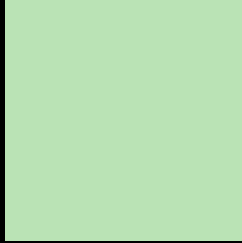
Large Text (above 18pt) WCAG AA × Fail

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, 227, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

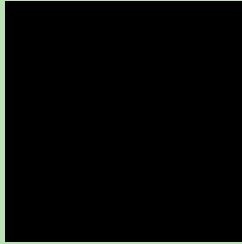
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

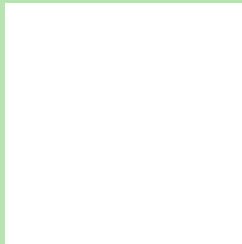
Any Text WCAG AAA ✓ Pass

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

RYB 181, 227, 222 Background



This preview shows how black text looks on a background with the RYB color 181, 227, 222.



This preview shows how white text looks on a background with the RYB color 181, 227, 222.

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
195, 210, 237

Trichromacy



Original Color

181, 227, 222



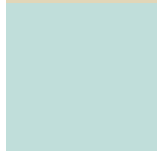
Protanomaly

177, 219, 183



Deuteranomaly

199, 225, 184



Tritanomaly

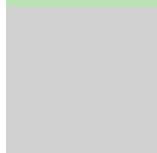
192, 208, 222

Monochromacy



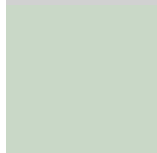
Original Color

181, 227, 222



Achromatopsia

209, 209, 209



Achromatomaly

199, 216, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 227, 222 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(186, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 227, 181)  
}
```

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(186, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 227, 181) }
```

Border

The CSS property to change the border of an element to RYB 181, 227, 222 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(186, 227, 181) }
```

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

```
.border{ border-color:rgb(186, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 227, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 227, 181); box-shadow:4px 4px 4px 4px rgb(186, 227, 181) }
```

Background

The CSS property to change the background color of an element to RYB 181, 227, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 227, 181) }
```

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

```
.background{ background-color: rgb(186,  
227, 181) }
```

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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