

Converting Colors

`RYB(188, 227, 248)`

Have a look what the booklet for
RYB(188, 227, 248) contains.

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Color

R_YB(188, 227, 248)

Conversions

Conversions Part 1

Format	Color
Hex	BCF8DC
RGB	188, 248, 220
RGB Percent	74%, 97%, 86%
CMY	0.2627, 0.0275, 0.1360
CMYK	0.24, 0.00, 0.11, 0.03
HSL	152°, 81%, 85%
HSV	152°, 24%, 97%
XYZ	67.2655, 83.0098, 80.4012
YIQ	226.8680, -26.7720, -21.4280

Conversions

Conversions Part 2

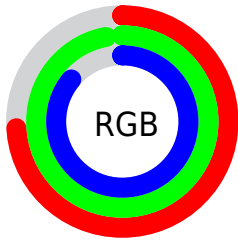
Format	Color
R _{YB}	188, 227, 248
Decimal	12384476
CIE _{Lab}	93.02, -24.33, 7.19
CIE _{LCh}	93, 25.373, 163.535
Y _{xy}	83.0098, 0.2916, 0.3599
Android (android.graphics.Color)	4290574556 (0xFFBCF8DC)
YUV	226.8680, -3.3859, -34.0872
Hunter-Lab	91.1097, -27.6570, 11.4554

Details

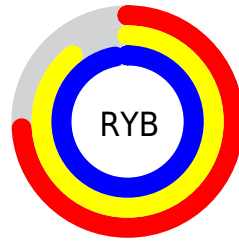
The RYB color **188, 227, 248** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **248, 188, 216**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **245, 250, 255**, and **133, 170, 191** is the 20% darker color. If you saturate the color by 10%, you get **163, 218, 248**, and if you desaturate by 10%, it is **213, 236, 248**.

Distribution



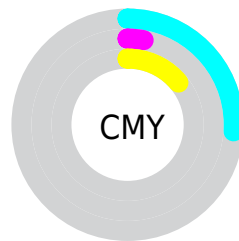
- Red (74%)
- Green (97%)
- Blue (86%)



- Red (74%)
- Yellow (89%)
- Blue (97%)



- Cyan (24%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)



- Cyan (26%)
- Magenta (3%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 227, 248 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 188, 227, 248 by changing the saturation by 10% instead.

 188, 227, 248

255, 255, 255


 245, 250, 255

 188, 227, 248


 160, 198, 219

 133, 170, 191

 107, 144, 164


 82, 118, 138

 56, 91, 112

 31, 65, 87

 0, 38, 64

 0, 26, 41

 0, 18, 18

 188, 227, 248

 188, 227, 248

 163, 218, 248


 213, 236, 248


 138, 210, 248


 238, 245, 248


 114, 201, 248


 255, 248, 255

 89, 192, 248

 64, 184, 248

 39, 175, 248

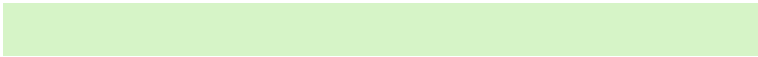
 14, 166, 248

 0, 161, 248

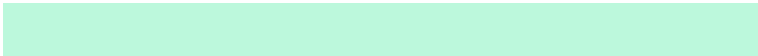
Harmonies

Analogous

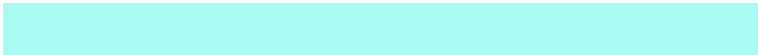
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199, 244, 229



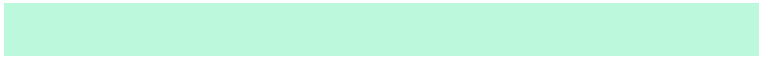
188, 227, 248



170, 211, 249

Triad

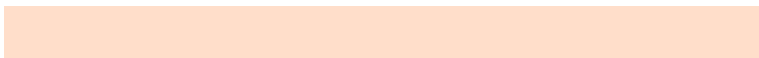
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188, 227, 248



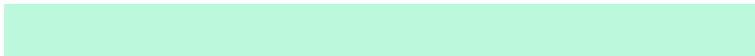
221, 230, 255



255, 234, 202

Complementary

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



188, 227, 248



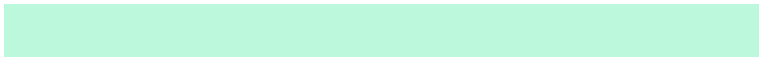
248, 188, 216

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, 218, 225



188, 227, 248



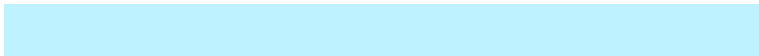
253, 225, 255

Square

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



188, 227, 248



190, 219, 255



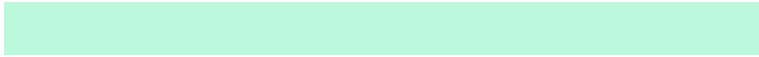
255, 219, 249



232, 255, 189

Rectangle

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



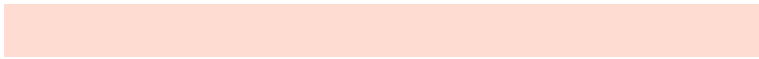
188, 227, 248



168, 210, 255



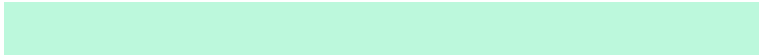
255, 219, 249



255, 223, 209

Sweetspot

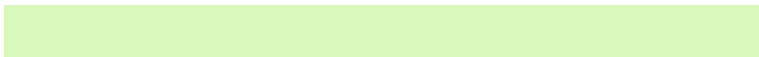
The Sweet Spot groups the original color and five complimentary colors.



188, 227, 248



237, 249, 255



188, 248, 220



117, 124, 128



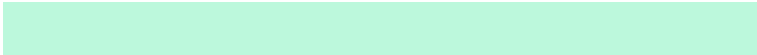
0, 0, 0



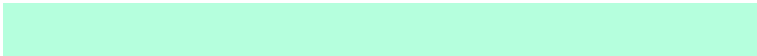
128, 128, 128

Same Dimension

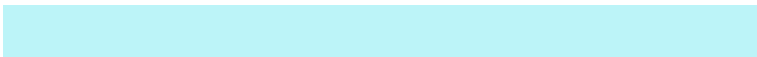
The Same Dimension uses a secret algorithm to generate beautiful new colors.



188, 227, 248



181, 229, 255



188, 217, 248



112, 120, 125



0, 123, 189



0, 40, 61

Inverse Universe

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



248, 188, 216



255, 181, 215



248, 190, 188



125, 112, 118



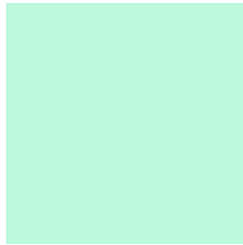
189, 0, 87



61, 0, 28

Previews

White Background



This preview shows how the RYB color 188, 227, 248 looks on a white background.

Color Contrast Check

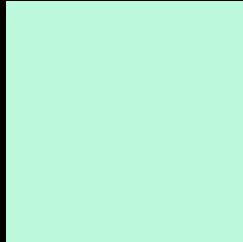
Large Text (above 18pt) WCAG AA × Fail

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 188, 227, 248 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 188, 227, 248 Background



This preview shows how black text looks on a background with the RYB color 188, 227, 248.

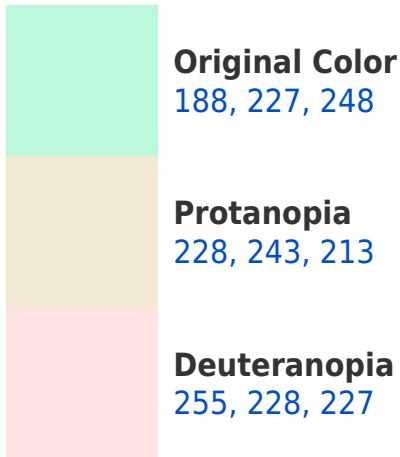


This preview shows how white text looks on a background with the RYB color 188, 227, 248.

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





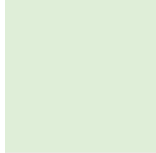
Tritanopia
206, 226, 255

Trichromacy



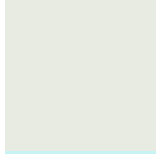
Original Color

188, 227, 248



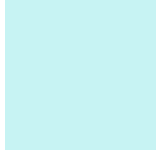
Protanomaly

216, 238, 231



Deuteranomaly

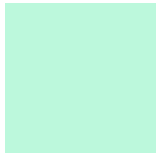
225, 235, 229



Tritanomaly

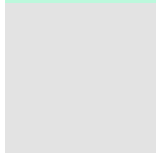
199, 221, 243

Monochromacy



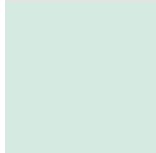
Original Color

188, 227, 248



Achromatopsia

227, 227, 227



Achromatomaly

213, 227, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 227, 248 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(188, 248, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 248, 220)  
}
```

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(188, 248, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 248, 220) }
```

Border

The CSS property to change the border of an element to RYB 188, 227, 248 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(188, 248, 220) }
```

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

```
.border{ border-color:rgb(188, 248, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 248, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 248, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 248, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 248,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 188, 227, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 248, 220) }
```

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

```
.background{ background-color: rgb(188,  
248, 220) }
```

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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