

Converting Colors

`RYB(189, 219, 243)`

Have a look what the booklet for
RYB(189, 219, 243) contains.

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Color

R_YB(189, 219, 243)

Conversions

Conversions Part 1

Format	Color
Hex	BDF3E8
RGB	189, 243, 232
RGB Percent	74%, 95%, 91%
CMY	0.2588, 0.0471, 0.0894
CMYK	0.22, 0.00, 0.04, 0.05
HSL	168°, 69%, 85%
HSV	168°, 22%, 95%
XYZ	67.6308, 80.7576, 88.5162
YIQ	225.6000, -28.6530, -14.8690

Conversions

Conversions Part 2

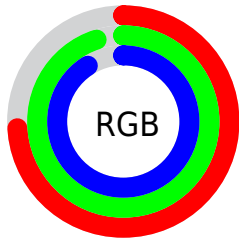
Format	Color
R _Y B	189, 219, 243
Decimal	12448744
CIE Lab	92.02, -19.24, -0.41
CIE LCh	92, 19.243, 181.227
Yxy	80.7576, 0.2855, 0.3409
Android (android.graphics.Color)	4290638824 (0xFFBDF3E8)
YUV	225.6000, 3.1552, -32.0982
Hunter-Lab	89.8652, -22.9286, 4.5057

Details

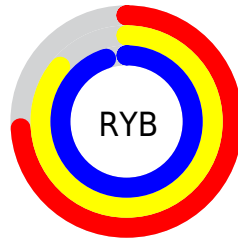
The RYB color **189, 219, 243** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **243, 189, 200**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **246, 251, 255**, and **135, 164, 187** is the 20% darker color. If you saturate the color by 10%, you get **165, 208, 243**, and if you desaturate by 10%, it is **213, 230, 243**.

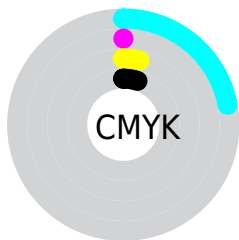
Distribution



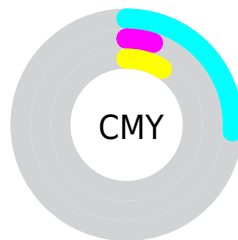
- Red (74%)
- Green (95%)
- Blue (91%)



- Red (74%)
- Yellow (86%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (26%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 219, 243 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 189, 219, 243 by changing the saturation by 10% instead.

■ 189, 219, 243

255, 255, 255

■ 246, 251, 255

■ 189, 219, 243

■ 161, 191, 215

■ 135, 164, 187

■ 108, 137, 160

■ 83, 110, 133

■ 58, 85, 108

■ 33, 61, 84

■ 3, 33, 60

■ 0, 21, 38


■ 0, 9, 14

 189, 219, 243

 189, 219, 243

 165, 208, 243


 213, 230, 243

 140, 197, 243


 238, 241, 243

 116, 186, 243


 255, 243, 247


 92, 176, 243

 255, 243, 252

 68, 165, 243

 255, 243, 255

 43, 154, 243

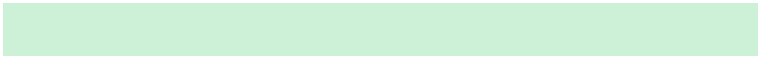
 19, 144, 243

 0, 135, 243

Harmonies

Analogous

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



205, 234, 241



189, 219, 243



184, 215, 251

Triad

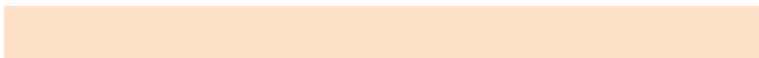
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 219, 243



237, 227, 255



255, 246, 200

Complementary

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



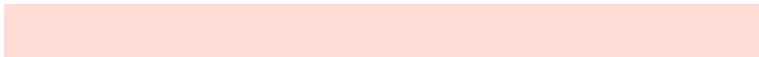
189, 219, 243



243, 189, 200

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, 222, 214



189, 219, 243



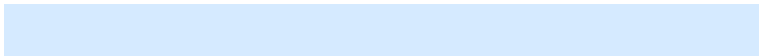
255, 222, 250

Square

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



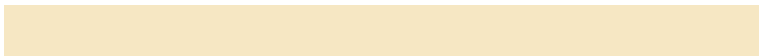
189, 219, 243



213, 227, 255



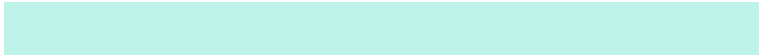
255, 219, 232



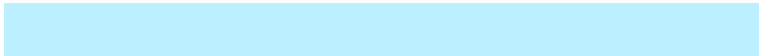
216, 246, 195

Rectangle

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



189, 219, 243



188, 217, 255



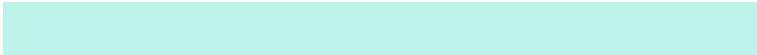
255, 219, 232



255, 234, 204

Sweetspot

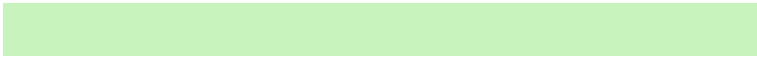
The Sweet Spot groups the original color and five complimentary colors.



189, 219, 243



237, 247, 255



189, 243, 232



117, 123, 128



0, 0, 0



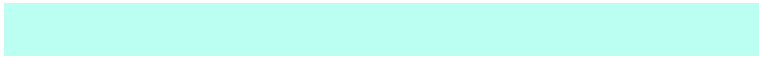
128, 128, 128

Same Dimension

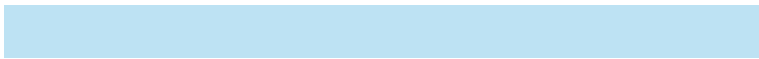
The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 219, 243



186, 224, 255



189, 211, 243



110, 117, 122



0, 103, 186



0, 33, 59

Inverse Universe

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



243, 189, 200



255, 186, 200



243, 212, 189



122, 110, 113



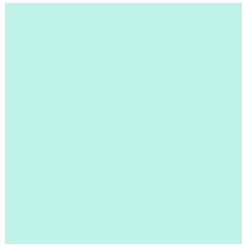
186, 0, 37



59, 0, 12

Previews

White Background



This preview shows how the RYB color 189, 219, 243 looks on a white background.

Color Contrast Check

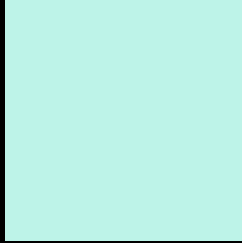
Large Text (above 18pt) WCAG AA × Fail

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 189, 219, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

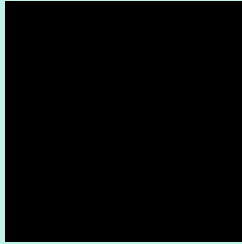
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

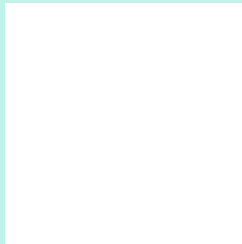
Any Text WCAG AAA ✓ Pass

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

RYB 189, 219, 243 Background



This preview shows how black text looks on a background with the RYB color 189, 219, 243.



This preview shows how white text looks on a background with the RYB color 189, 219, 243.

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





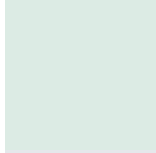
Tritanopia
199, 222, 255

Trichromacy



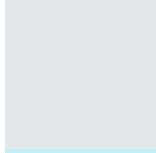
Original Color

189, 219, 243



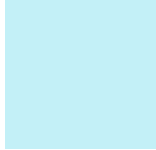
Protanomaly

220, 230, 235



Deuteranomaly

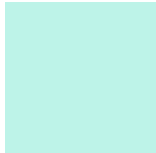
229, 231, 235



Tritanomaly

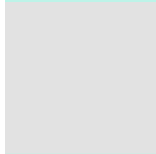
195, 219, 247

Monochromacy



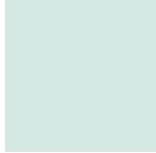
Original Color

189, 219, 243



Achromatopsia

226, 226, 226



Achromatomaly

213, 224, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 219, 243 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(189, 243, 232)` looks like.

```
.text, #text, p{  
    color:rgb(189, 243, 232)  
}
```

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(189, 243, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 243, 232) }
```

Border

The CSS property to change the border of an element to RYB 189, 219, 243 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(189, 243, 232) }
```

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

```
.border{ border-color:rgb(189, 243, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 243, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 243, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 243, 232); box-shadow:4px 4px 4px 4px rgb(189, 243, 232) }
```

Background

The CSS property to change the background color of an element to RYB 189, 219, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 243, 232) }
```

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

```
.background{ background-color: rgb(189,  
243, 232) }
```

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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