

Converting Colors

`RYB(199, 228, 243)`

Have a look what the booklet for
RYB(199, 228, 243) contains.

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Color

R_YB(199, 228, 243)

Conversions

Conversions Part 1

Format	Color
Hex	C7F3DE
RGB	199, 243, 222
RGB Percent	78%, 95%, 87%
CMY	0.2196, 0.0471, 0.1304
CMYK	0.18, 0.00, 0.09, 0.05
HSL	151°, 65%, 87%
HSV	151°, 18%, 95%
XYZ	68.7563, 81.5043, 81.0458
YIQ	227.4500, -19.4830, -15.8590

Conversions

Conversions Part 2

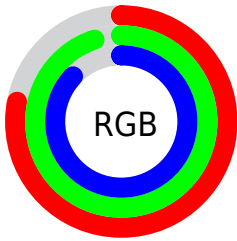
Format	Color
R_{YB}	199, 228, 243
Decimal	13104094
CIE _{Lab}	92.36, -18.21, 5.57
CIE _{LCh}	92, 19.039, 163.000
Yxy	81.5043, 0.2973, 0.3524
Android (android.graphics.Color)	4291294174 (0xFFC7F3DE)
YUV	227.4500, -2.6868, -24.9506
Hunter-Lab	90.2797, -22.0455, 9.9701

Details

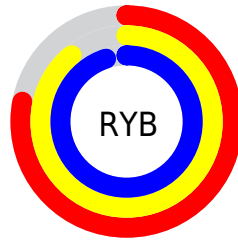
The RYB color **199, 228, 243** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **243, 199, 220**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **145, 173, 187** is the 20% darker color. If you saturate the color by 10%, you get **175, 220, 243**, and if you desaturate by 10%, it is **223, 236, 243**.

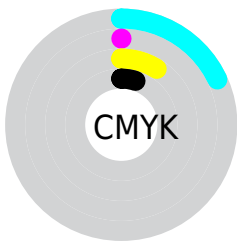
Distribution



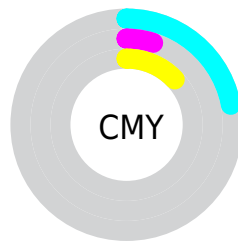
- Red (78%)
- Green (95%)
- Blue (87%)



- Red (78%)
- Yellow (89%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 228, 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 199, 228, 243 by changing the saturation by 10% instead.

199, 228, 243

255, 255, 255

199, 228, 243

171, 200, 215

145, 173, 187

118, 146, 160

93, 119, 133

69, 94, 108

45, 70, 84

22, 46, 60

0, 23, 38

0, 15, 15

 199, 228, 243

 199, 228, 243

 175, 220, 243


 223, 236, 243


 150, 211, 243


 248, 243, 245


 126, 203, 243

 255, 243, 255

 102, 195, 243

 78, 187, 243

 53, 178, 243

 29, 170, 243

 5, 162, 243

 0, 160, 243

Harmonies

Analogous

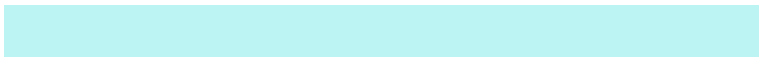
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 240, 228



199, 228, 243



187, 216, 244

Triad

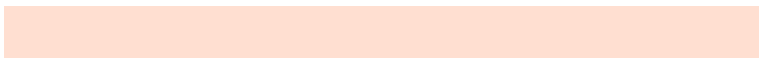
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



199, 228, 243



223, 230, 255



255, 229, 209

Complementary

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



199, 228, 243



243, 199, 220

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, 221, 226



199, 228, 243



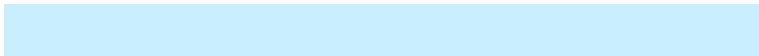
246, 226, 255

Square

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



199, 228, 243



201, 223, 255



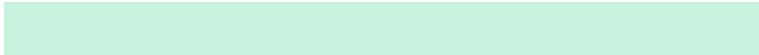
255, 222, 244



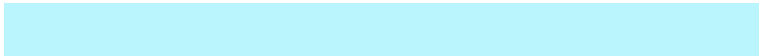
251, 255, 199

Rectangle

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



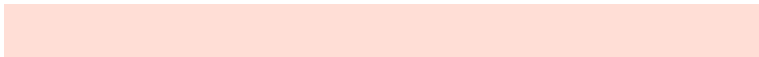
199, 228, 243



186, 217, 252



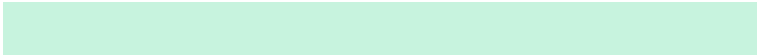
255, 222, 244



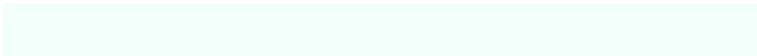
255, 224, 214

Sweetspot

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



199, 228, 243



242, 250, 255



199, 243, 222



120, 125, 128



0, 0, 0



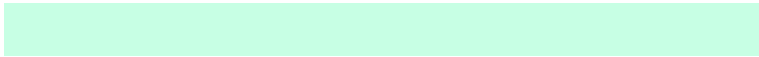
128, 128, 128

Same Dimension

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



199, 228, 243



199, 236, 255



199, 221, 243



110, 118, 122



0, 123, 186



0, 39, 59

Inverse Universe

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



243, 199, 220



255, 199, 226



243, 200, 199



122, 110, 116



186, 0, 90



59, 0, 28

Previews

White Background



This preview shows how the RYB color 199, 228, 243 looks on a white background.

Color Contrast Check

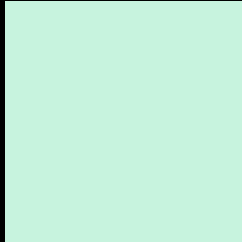
Large Text (above 18pt) WCAG AA × Fail

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 199, 228, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

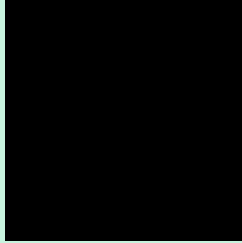
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

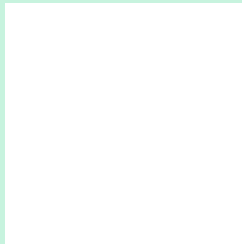
Any Text WCAG AAA ✓ Pass

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

RYB 199, 228, 243 Background



This preview shows how black text looks on a background with the RYB color 199, 228, 243.



This preview shows how white text looks on a background with the RYB color 199, 228, 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





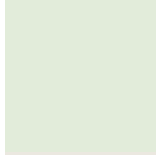
Tritanopia
208, 226, 255

Trichromacy



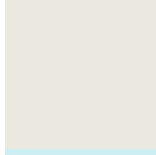
Original Color

199, 228, 243



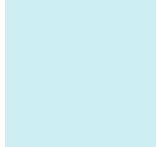
Protanomaly

218, 236, 228



Deuteranomaly

228, 235, 224



Tritanomaly

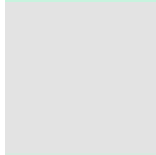
205, 223, 243

Monochromacy



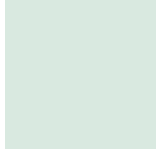
Original Color

199, 228, 243



Achromatopsia

227, 227, 227



Achromatomaly

217, 228, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 228, 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(199, 243, 222)` looks like.

```
.text, #text, p{  
    color:rgb(199, 243, 222)  
}
```

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(199, 243, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 243, 222) }
```

Border

The CSS property to change the border of an element to RYB 199, 228, 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(199, 243, 222) }
```

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

```
.border{ border-color:rgb(199, 243, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 243, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 243, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 243, 222);  
box-shadow:4px 4px 4px 4px rgb(199, 243,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 199, 228, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 243, 222) }
```

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

```
.background{ background-color: rgb(199,  
243, 222) }
```

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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