

Converting Colors

`RYB(203, 251, 234)`

Have a look what the booklet for
RYB(203, 251, 234) contains.

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Color

R_YB(203, 251, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DCFBCB
RGB	220, 251, 203
RGB Percent	86%, 98%, 80%
CMY	0.1373, 0.0157, 0.2039
CMYK	0.12, 0.00, 0.19, 0.02
HSL	99°, 86%, 89%
HSV	99°, 19%, 98%
XYZ	74.7919, 88.5218, 69.6444
YIQ	236.2590, -3.0680, -21.5000

Conversions

Conversions Part 2

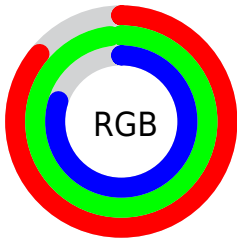
Format	Color
R_{YB}	203, 251, 234
Decimal	14482379
CIE _{Lab}	95.38, -18.48, 19.71
CIE _{LCh}	95, 27.019, 133.145
Yxy	88.5218, 0.3211, 0.3800
Android (android.graphics.Color)	4292672459 (0xFFDCFCBCB)
YUV	236.2590, -16.3967, -14.2591
Hunter-Lab	94.0860, -22.7554, 21.9726

Details

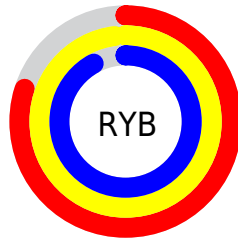
The RYB color **203, 251, 234** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **234, 203, 251**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 194, 178** is the 20% darker color. If you saturate the color by 10%, you get **178, 251, 225**, and if you desaturate by 10%, it is **228, 251, 243**.

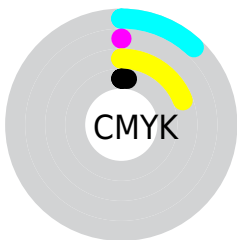
Distribution



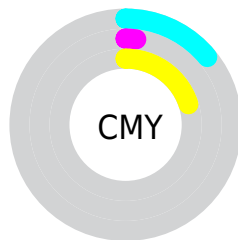
- Red (86%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 251, 234 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 203, 251, 234 by changing the saturation by 10% instead.

203, 251, 234

255, 255, 255

203, 251, 234

175, 222, 205

149, 194, 178

123, 167, 152

98, 141, 127

74, 115, 102

51, 90, 78

29, 67, 56

5, 44, 30

0, 26, 26

■ 203, 251, 234

■ 203, 251, 234

■ 178, 251, 225

■ 228, 251, 243

■ 153, 251, 216

■ 252, 251, 253

■ 128, 251, 208

■ 255, 251, 255

■ 103, 251, 199

■ 78, 251, 190

■ 52, 251, 180

■ 27, 251, 171

■ 2, 251, 163

■ 0, 251, 162

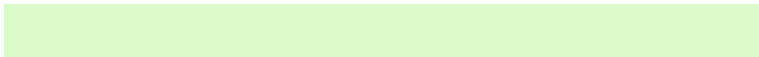
Harmonies

Analogous

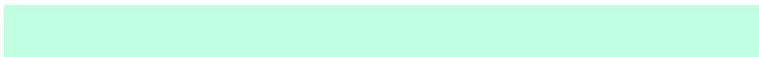
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198, 250, 191



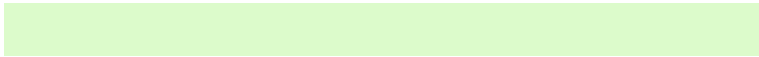
203, 251, 234



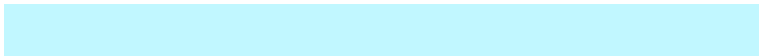
192, 233, 255

Triad

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



203, 251, 234



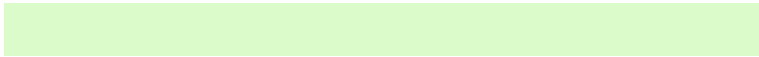
193, 222, 255



255, 223, 231

Complementary

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



203, 251, 234



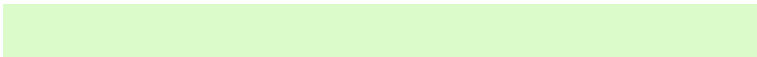
234, 203, 251

Split Complementary

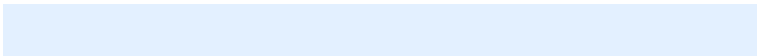
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 255



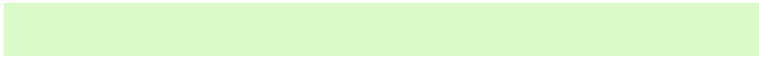
203, 251, 234



227, 236, 255

Square

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



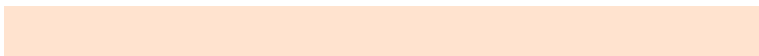
203, 251, 234



172, 213, 255



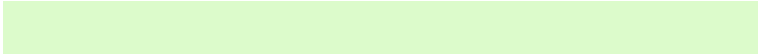
255, 231, 255



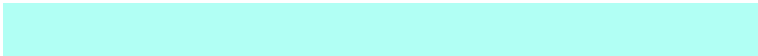
255, 241, 207

Rectangle

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



203, 251, 234



177, 219, 255



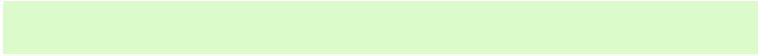
255, 231, 255



255, 223, 240

Sweetspot

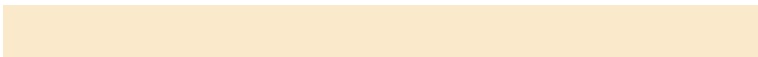
The Sweet Spot groups the original color and five complimentary colors.



203, 251, 234



240, 255, 250



232, 251, 203



119, 128, 125



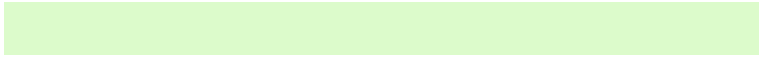
0, 0, 0



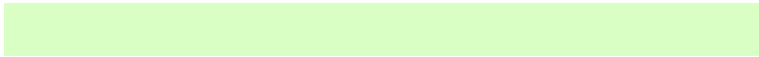
128, 128, 128

Same Dimension

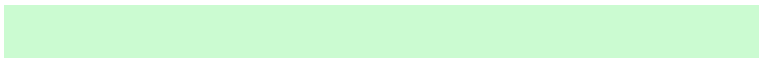
The Same Dimension uses a secret algorithm to generate beautiful new colors.



203, 251, 234



196, 255, 234



203, 246, 251



112, 125, 120



0, 189, 122



0, 61, 39

Inverse Universe

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



234, 203, 251



234, 196, 255



251, 203, 245



121, 112, 125



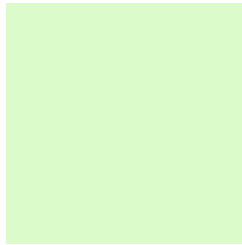
122, 0, 189



40, 0, 61

Previews

White Background



This preview shows how the RYB color 203, 251, 234 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 203, 251, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

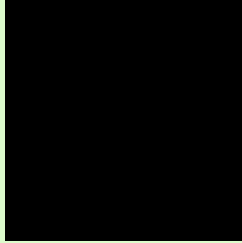
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

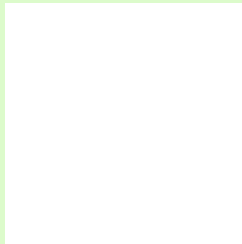
Any Text WCAG AAA ✓ Pass

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

RYB 203, 251, 234 Background



This preview shows how black text looks on a background with the RYB color 203, 251, 234.

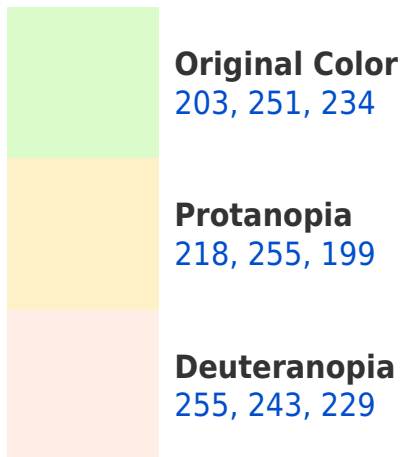


This preview shows how white text looks on a background with the RYB color 203, 251, 234.

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

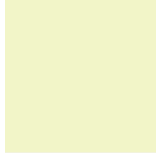
234, 240, 255

Trichromacy



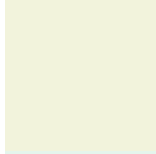
Original Color

203, 251, 234



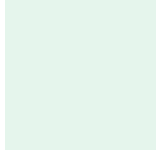
Protanomaly

200, 245, 203



Deuteranomaly

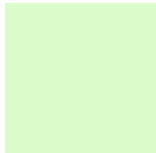
220, 243, 221



Tritanomaly

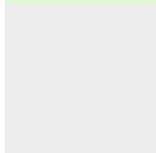
229, 240, 245

Monochromacy



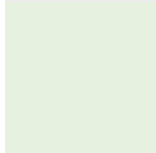
Original Color

203, 251, 234



Achromatopsia

236, 236, 236



Achromatomaly

224, 241, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 251, 234 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(220, 251, 203)` looks like.

```
.text, #text, p{  
    color:rgb(220, 251, 203)  
}
```

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(220, 251, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 251, 203) }
```

Border

The CSS property to change the border of an element to RYB 203, 251, 234 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(220, 251, 203) }
```

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

```
.border{ border-color:rgb(220, 251, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 251, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 251, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 251, 203);  
box-shadow:4px 4px 4px 4px rgb(220, 251,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 203, 251, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 251, 203) }
```

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

```
.background{ background-color: rgb(220,  
251, 203) }
```

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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