

Converting Colors

`RYB(200, 252, 249)`

Have a look what the booklet for
RYB(200, 252, 249) contains.

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Color

R_YB(200, 252, 249)

Conversions

Conversions Part 1

Format	Color
Hex	CBFCC8
RGB	203, 252, 200
RGB Percent	80%, 99%, 78%
CMY	0.2039, 0.0118, 0.2157
CMYK	0.19, 0.00, 0.21, 0.01
HSL	117°, 90%, 89%
HSV	117°, 21%, 99%
XYZ	69.8643, 86.4874, 67.6551
YIQ	231.4210, -12.5120, -26.5600

Conversions

Conversions Part 2

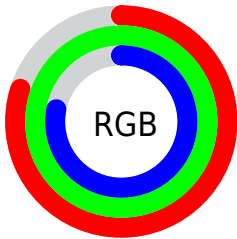
Format	Color
RYB	200, 252, 249
Decimal	13368520
CIELab	94.52, -25.14, 19.89
CIElCh	95, 32.055, 141.653
Yxy	86.4874, 0.3119, 0.3861
Android (android.graphics.Color)	4291558600 (0xFFCBFCC8)
YUV	231.4210, -15.4906, -24.9252
Hunter-Lab	92.9986, -28.6512, 21.9665

Details

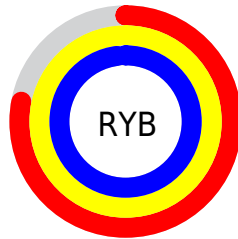
The RYB color **200, 252, 249** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 200, 252**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 195, 193** is the 20% darker color. If you saturate the color by 10%, you get **175, 252, 248**, and if you desaturate by 10%, it is **225, 252, 250**.

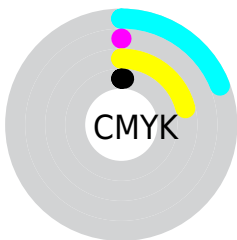
Distribution



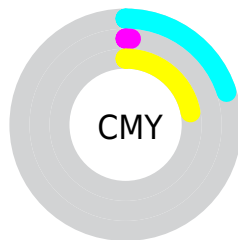
- Red (80%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (98%)



- Cyan (19%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



- Cyan (20%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 252, 249 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 200, 252, 249 by changing the saturation by 10% instead.

■ 200, 252, 249

255, 255, 255

■ 200, 252, 249

■ 173, 223, 221

■ 146, 195, 193

■ 120, 168, 166

■ 95, 141, 140

■ 71, 116, 116

■ 47, 90, 91

■ 23, 63, 67

■ 0, 42, 44

■ 0, 24, 24

 200, 252, 249

 200, 252, 249

 175, 252, 248

 225, 252, 250

 150, 252, 246

 250, 252, 252

 124, 252, 244

 255, 252, 255

 99, 252, 243

 74, 252, 242

 49, 252, 240

 24, 252, 239

 0, 252, 237

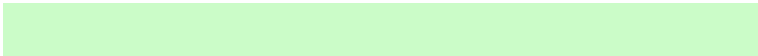
Harmonies

Analogous

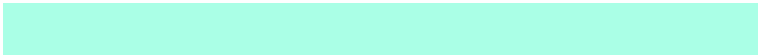
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181, 244, 187



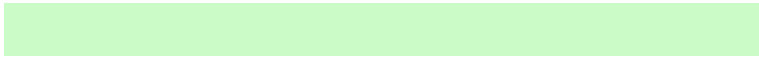
200, 252, 249



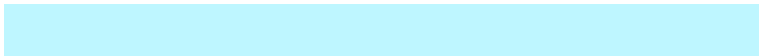
170, 220, 255

Triad

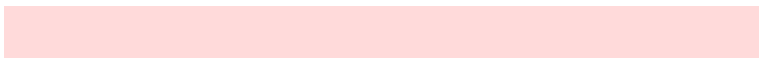
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200, 252, 249



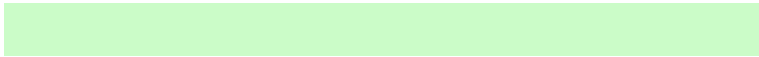
190, 220, 255



255, 218, 218

Complementary

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



200, 252, 249



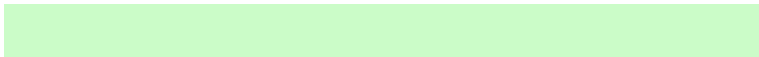
249, 200, 252

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, 249



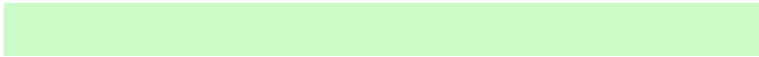
200, 252, 249



233, 234, 255

Square

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



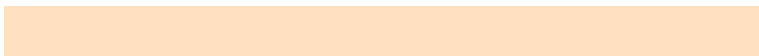
200, 252, 249



156, 205, 255



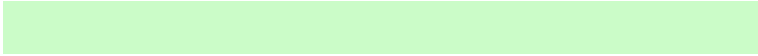
255, 224, 255



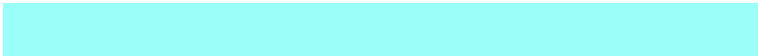
253, 255, 192

Rectangle

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



200, 252, 249



154, 206, 255



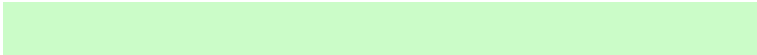
255, 224, 255



255, 217, 228

Sweetspot

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



200, 252, 249



240, 255, 254



203, 252, 200



119, 128, 128



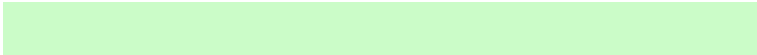
0, 0, 0



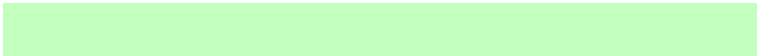
128, 128, 128

Same Dimension

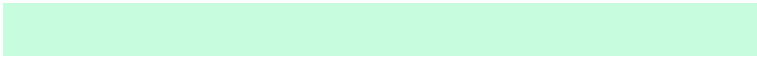
The Same Dimension uses a secret algorithm to generate beautiful new colors.



200, 252, 249



191, 255, 251



200, 236, 252



112, 125, 124



0, 189, 178



0, 61, 57

Inverse Universe

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



249, 200, 252



251, 191, 255



252, 200, 229



124, 112, 125



178, 0, 189



58, 0, 61

Previews

White Background



This preview shows how the RYB color 200, 252, 249 looks on a white background.

Color Contrast Check

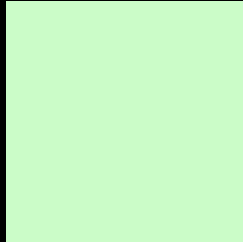
Large Text (above 18pt) WCAG AA × Fail

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 200, 252, 249 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

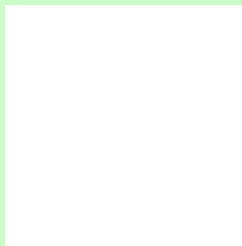
Any Text WCAG AAA ✓ Pass

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

RYB 200, 252, 249 Background



This preview shows how black text looks on a background with the RYB color 200, 252, 249.

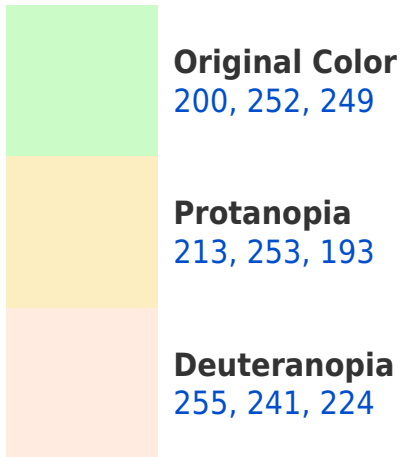


This preview shows how white text looks on a background with the RYB color 200, 252, 249.

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





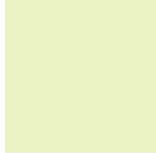
Tritanopia
222, 234, 255

Trichromacy



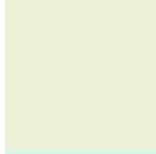
Original Color

200, 252, 249



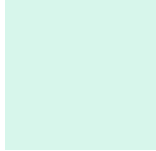
Protanomaly

196, 243, 204



Deuteranomaly

215, 241, 220



Tritanomaly

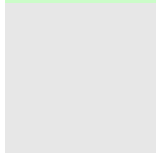
215, 234, 246

Monochromacy



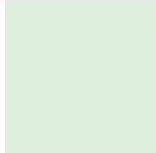
Original Color

200, 252, 249



Achromatopsia

231, 231, 231



Achromatomaly

220, 239, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 252, 249 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(203, 252, 200)` looks like.

```
.text, #text, p{  
    color:rgb(203, 252, 200)  
}
```

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(203, 252, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 252, 200) }
```

Border

The CSS property to change the border of an element to RYB 200, 252, 249 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(203, 252, 200) }
```

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

```
.border{ border-color:rgb(203, 252, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 252, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 252, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 252, 200);  
box-shadow:4px 4px 4px 4px rgb(203, 252,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 200, 252, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 252, 200) }
```

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

```
.background{ background-color: rgb(203,  
252, 200) }
```

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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