

Converting Colors

`RYB(209, 223, 232)`

Have a look what the booklet for RYB(209, 223, 232) contains.

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Color

R_YB(209, 223, 232)

Conversions

Conversions Part 1

Format	Color
Hex	D1E8E0
RGB	209, 232, 224
RGB Percent	82%, 91%, 88%
CMY	0.1804, 0.0902, 0.1224
CMYK	0.10, 0.00, 0.04, 0.09
HSL	159°, 33%, 86%
HSV	159°, 10%, 91%
XYZ	68.5766, 76.6387, 81.5471
YIQ	224.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

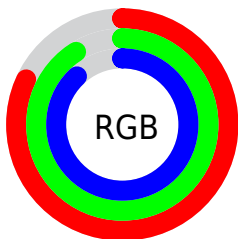
Format	Color
R _Y B	209, 223, 232
Decimal	13756640
CIE Lab	90.16, -9.11, 1.40
CIE LCh	90, 9.220, 171.270
Yxy	76.6387, 0.3024, 0.3380
Android (android.graphics.Color)	4291946720 (0xFFD1E8E0)
YUV	224.2110, -0.1040, -13.3400
Hunter-Lab	87.5436, -13.3745, 6.0516

Details

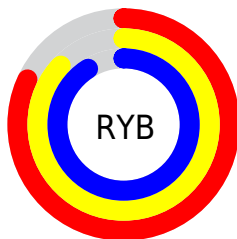
The RYB color **209, 223, 232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **232, 209, 217**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 167, 176** is the 20% darker color. If you saturate the color by 10%, you get **186, 214, 232**, and if you desaturate by 10%, it is **232, 232, 232**.

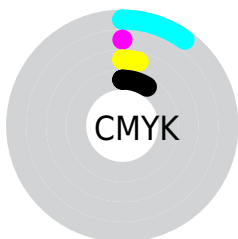
Distribution



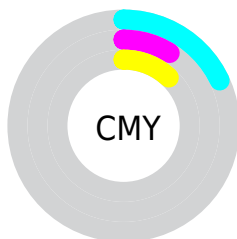
- Red (82%)
- Green (91%)
- Blue (88%)



- Red (82%)
- Yellow (87%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 223, 232 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 209, 223, 232 by changing the saturation by 10% instead.

■ 209, 223, 232

255, 255, 255

■ 209, 223, 232

■ 181, 195, 204

■ 154, 167, 176

■ 128, 141, 150

■ 103, 116, 124

■ 79, 91, 99

■ 56, 67, 75

■ 34, 45, 52

■ 13, 23, 31

■ 0, 1, 1

 209, 223, 232

 209, 223, 232

 186, 214, 232


 232, 232, 232

 163, 205, 232


 255, 232, 240


 139, 196, 232


 255, 232, 249


 116, 186, 232

 255, 232, 255

 93, 178, 232

 70, 169, 232

 47, 160, 232

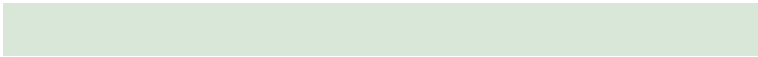
 23, 150, 232

 0, 141, 232

Harmonies

Analogous

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



216, 231, 230



209, 223, 232



205, 219, 233

Triad

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



209, 223, 232



226, 225, 243



244, 228, 213

Complementary

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



209, 223, 232



232, 209, 217

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.



246, 221, 221



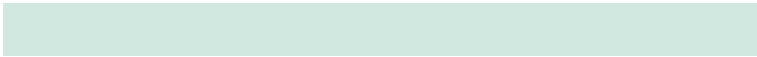
209, 223, 232



236, 223, 238

Square

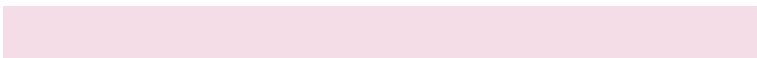
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



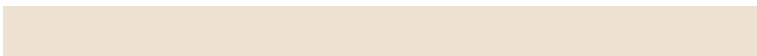
209, 223, 232



215, 224, 244



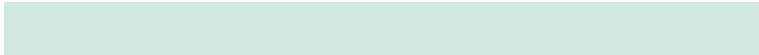
244, 221, 230



232, 237, 210

Rectangle

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



209, 223, 232



206, 220, 238



244, 221, 230



245, 224, 215

Sweetspot

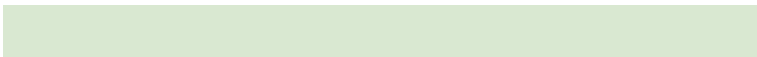
The Sweet Spot groups the original color and five complimentary colors.



209, 223, 232



247, 252, 255



209, 232, 224



122, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 223, 232



224, 243, 255



209, 220, 232



103, 110, 115



0, 109, 179



0, 31, 51

Inverse Universe

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



232, 209, 217



255, 224, 235



232, 212, 209



115, 103, 107



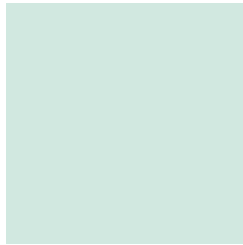
179, 0, 64



51, 0, 18

Previews

White Background



This preview shows how the RYB color 209, 223, 232 looks on a white background.

Color Contrast Check

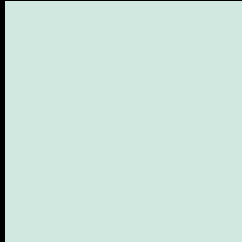
Large Text (above 18pt) WCAG AA × Fail

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 209, 223, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

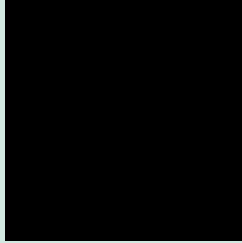
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

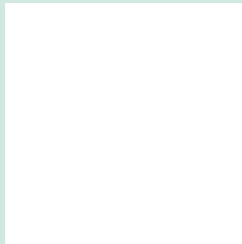
Any Text WCAG AAA ✓ Pass

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

R Y B 209, 223, 232 Background



This preview shows how black text looks on a background with the R Y B color 209, 223, 232.



This preview shows how white text looks on a background with the R Y B color 209, 223, 232.

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](#).

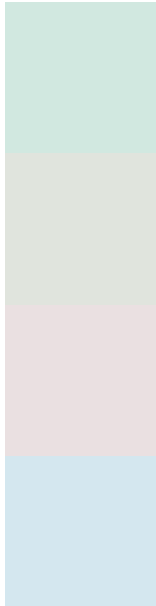
Dichromacy





Tritanopia
213, 224, 247

Trichromacy



Original Color
209, 223, 232

Protanomaly
221, 228, 225

Deuteranomaly
234, 224, 225

Tritanomaly
212, 223, 239

Monochromacy



Original Color
209, 223, 232

Achromatopsia
224, 224, 224

Achromatomaly
219, 224, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 223, 232 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(209, 232, 224)` looks like.

```
.text, #text, p{  
    color:rgb(209, 232, 224)  
}
```

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(209, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 232, 224) }
```

Border

The CSS property to change the border of an element to RYB 209, 223, 232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

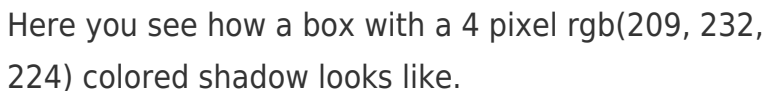
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 232, 224) }
```

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

```
.border{ border-color:rgb(209, 232, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 232, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 232, 224); box-shadow:4px 4px 4px 4px rgb(209, 232, 224) }
```

Background

The CSS property to change the background color of an element to RGB 209, 232, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 232, 224) }
```

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

```
.background{ background-color: rgb(209,  
232, 224) }
```

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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