

Converting Colors

RYB(201, 223, 224)

Have a look what the booklet for
RYB(201, 223, 224) contains.

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Color

RYB(201, 223, 224)

Conversions

Conversions Part 1

Format	Color
Hex	C9E0CA
RGB	201, 224, 202
RGB Percent	79%, 88%, 79%
CMY	0.2118, 0.1216, 0.2077
CMYK	0.10, 0.00, 0.10, 0.12
HSL	123°, 27%, 83%
HSV	123°, 10%, 88%
XYZ	61.4091, 69.9952, 66.1792
YIQ	214.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

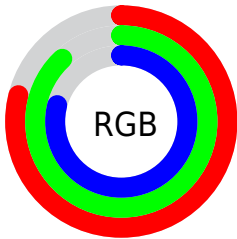
Format	Color
R _Y B	201, 223, 224
Decimal	13230282
CIE Lab	86.99, -11.69, 8.16
CIE LCh	87, 14.259, 145.081
Yxy	69.9952, 0.3108, 0.3543
Android (android.graphics.Color)	4291420362 (0xFFC9E0CA)
YUV	214.6150, -6.2192, -11.9404
Hunter-Lab	83.6632, -15.3908, 11.6647

Details

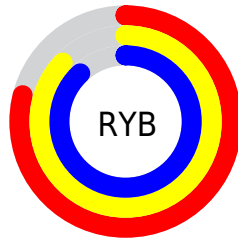
The RYB color **201, 223, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 201, 223**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 168, 169** is the 20% darker color. If you saturate the color by 10%, you get **179, 222, 224**, and if you desaturate by 10%, it is **223, 224, 224**.

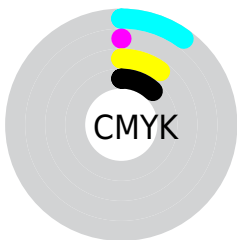
Distribution



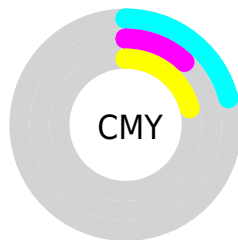
- Red (79%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (87%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 223, 224 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 201, 223, 224 by changing the saturation by 10% instead.

■ 201, 223, 224

255, 255, 255

■ 201, 223, 224

■ 174, 195, 196

■ 147, 168, 169

■ 121, 141, 142

■ 96, 116, 117

■ 72, 90, 92

■ 49, 66, 68

■ 28, 44, 46

■ 4, 25, 26

■ 0, 0, 0

 201, 223, 224

 201, 223, 224

 179, 222, 224

 223, 224, 224

 156, 221, 224

 246, 224, 245

 134, 220, 224

 255, 224, 255

 111, 218, 224

 89, 218, 224

 67, 217, 224

 44, 216, 224

 22, 215, 224

 0, 214, 224

Harmonies

Analogous

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



193, 221, 198



201, 223, 224



189, 211, 226

Triad

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



201, 223, 224



201, 214, 244



247, 209, 207

Complementary

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



201, 223, 224



224, 201, 223

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.



244, 209, 221



201, 223, 224



218, 215, 242

Square

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



201, 223, 224



188, 209, 240



234, 211, 234



242, 221, 196

Rectangle

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



201, 223, 224



184, 206, 226



234, 211, 234



247, 209, 211

Sweetspot

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



201, 223, 224



247, 254, 255



201, 224, 202



122, 127, 128



0, 0, 0



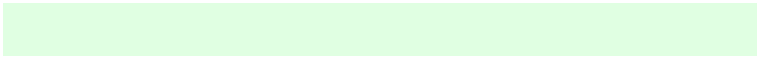
128, 128, 128

Same Dimension

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



201, 223, 224



224, 253, 255



201, 216, 224



101, 112, 112



0, 168, 176



0, 46, 48

Inverse Universe

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



224, 201, 223



255, 224, 254



224, 201, 212



112, 101, 112



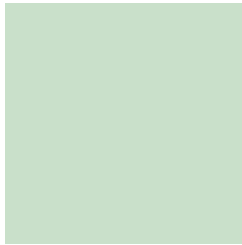
176, 0, 168



48, 0, 46

Previews

White Background



This preview shows how the RYB color 201, 223, 224 looks on a white background.

Color Contrast Check

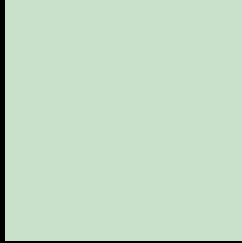
Large Text (above 18pt) WCAG AA × Fail

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 201, 223, 224 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 201, 223, 224 Background



This preview shows how black text looks on a background with the RYB color 201, 223, 224.



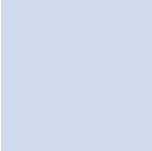
This preview shows how white text looks on a background with the RYB color 201, 223, 224.

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
207, 215, 236

Trichromacy



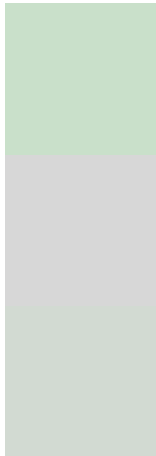
Original Color
201, 223, 224

Protanomaly
199, 220, 202

Deuteranomaly
228, 224, 204

Tritanomaly
205, 214, 224

Monochromacy



Original Color
201, 223, 224

Achromatopsia
215, 215, 215

Achromatomaly
210, 218, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 223, 224 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(201, 224, 202) looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 202)  
}
```

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(201, 224, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 202) }
```

Border

The CSS property to change the border of an element to RYB 201, 223, 224 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(201, 224, 202) }
```

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

```
.border{ border-color:rgb(201, 224, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 224, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 201, 223, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 202) }
```

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

```
.background{ background-color: rgb(201,  
224, 202) }
```

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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