

Converting Colors

`RYB(197, 220, 223)`

Have a look what the booklet for RYB(197, 220, 223) contains.

RYB(197, 220, 223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(197, 220, 223)

Conversions

Conversions Part 1

Format	Color
Hex	C5DFC8
RGB	197, 223, 200
RGB Percent	77%, 87%, 78%
CMY	0.2275, 0.1255, 0.2142
CMYK	0.12, 0.00, 0.10, 0.13
HSL	128°, 29%, 82%
HSV	128°, 12%, 87%
XYZ	59.8848, 68.8341, 65.0137
YIQ	212.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

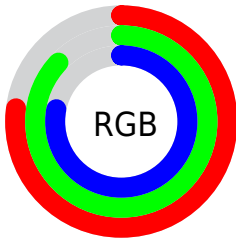
Format	Color
RYB	197, 220, 223
Decimal	12967880
CIELab	86.42, -12.83, 8.18
CIELCh	86, 15.213, 147.495
Yxy	68.8341, 0.3091, 0.3553
Android (android.graphics.Color)	4291157960 (0xFFC5DFC8)
YUV	212.6040, -6.2138, -13.6847
Hunter-Lab	82.9663, -16.3505, 11.6159

Details

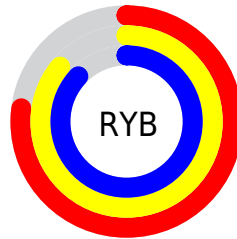
The RYB color **197, 220, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223, 197, 220**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 254, 255, 255, and **143, 165, 168** is the 20% darker color. If you saturate the color by 10%, you get **175, 218, 223**, and if you desaturate by 10%, it is **219, 222, 223**.

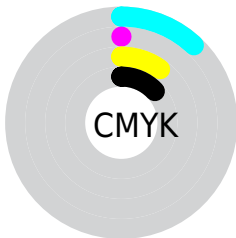
Distribution



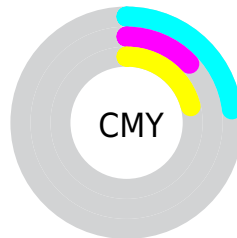
- Red (77%)
- Green (87%)
- Blue (78%)



- Red (77%)
- Yellow (86%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 220, 223 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 197, 220, 223 by changing the saturation by 10% instead.

 197, 220, 223


255, 255, 255


254, 255, 255

 197, 220, 223

 170, 192, 195

 143, 165, 168

 117, 138, 141

 92, 113, 116

 69, 88, 91

 46, 65, 68

 25, 42, 45

 0, 22, 25

 0, 0, 0

 197, 220, 223

 197, 220, 223

 175, 218, 223

 219, 222, 223

 152, 214, 223

 242, 223, 239

 130, 212, 223

 255, 223, 255

 108, 210, 223

 86, 208, 223

 63, 204, 223

 41, 202, 223

 19, 200, 223

 0, 197, 223

Harmonies

Analogous

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



191, 219, 197



197, 220, 223



184, 208, 225

Triad

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



197, 220, 223



199, 212, 245



247, 207, 204

Complementary

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



197, 220, 223



223, 197, 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.



245, 207, 218



197, 220, 223



218, 213, 242

Square

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



197, 220, 223



185, 207, 240



234, 209, 232



242, 220, 192

Rectangle

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



197, 220, 223



180, 203, 225



234, 209, 232



247, 207, 208

Sweetspot

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



197, 220, 223



247, 254, 255



197, 223, 200



122, 127, 128



0, 0, 0



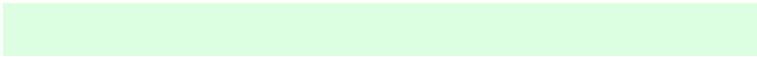
128, 128, 128

Same Dimension

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



197, 220, 223



219, 251, 255



197, 213, 223



101, 111, 112



0, 156, 176



0, 43, 48

Inverse Universe

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



223, 197, 220



255, 219, 250



223, 197, 207



112, 101, 111



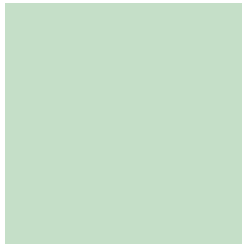
176, 0, 153



48, 0, 42

Previews

White Background



This preview shows how the RYB color 197, 220, 223 looks on a white background.

Color Contrast Check

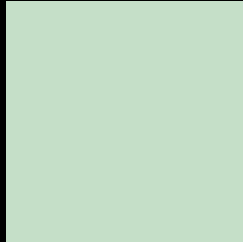
Large Text (above 18pt) WCAG AA × Fail

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 197, 220, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

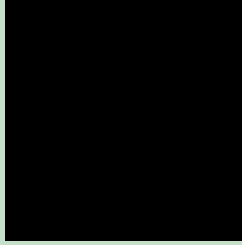
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

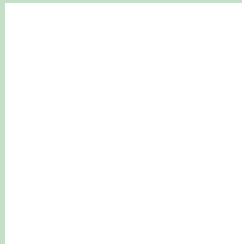
Any Text WCAG AAA ✓ Pass

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

RYB 197, 220, 223 Background



This preview shows how black text looks on a background with the RYB color 197, 220, 223.



This preview shows how white text looks on a background with the RYB color 197, 220, 223.

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
203, 213, 235

Trichromacy



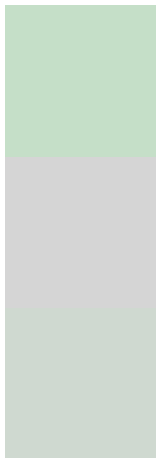
Original Color
197, 220, 223

Protanomaly
198, 218, 202

Deuteranomaly
225, 223, 202

Tritanomaly
201, 211, 222

Monochromacy



Original Color
197, 220, 223

Achromatopsia
213, 213, 213

Achromatomaly
207, 216, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 220, 223 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(197, 223, 200)` looks like.

```
.text, #text, p{  
    color:rgb(197, 223, 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(197, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 223, 200) }
```

Border

The CSS property to change the border of an element to RYB 197, 220, 223 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(197, 223, 200) }
```

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

```
.border{ border-color:rgb(197, 223, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 223, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 223, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 223, 200);  
box-shadow:4px 4px 4px 4px rgb(197, 223,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 197, 220, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 223, 200) }
```

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

```
.background{ background-color: rgb(197,  
223, 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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