

Converting Colors

`RYB(193, 214, 220)`

Have a look what the booklet for
RYB(193, 214, 220) contains.

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Color

R_YB(193, 214, 220)

Conversions

Conversions Part 1

Format	Color
Hex	C1DCC9
RGB	193, 220, 201
RGB Percent	76%, 86%, 79%
CMY	0.2431, 0.1373, 0.2129
CMYK	0.12, 0.00, 0.09, 0.14
HSL	137°, 28%, 81%
HSV	137°, 12%, 86%
XYZ	58.0945, 66.7275, 64.9001
YIQ	209.7610, -9.9930, -11.6330

Conversions

Conversions Part 2

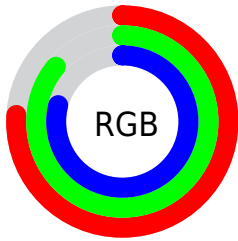
Format	Color
RYB	193, 214, 220
Decimal	12704969
CIELab	85.37, -12.59, 6.45
CIELCh	85, 14.151, 152.869
Yxy	66.7275, 0.3062, 0.3517
Android (android.graphics.Color)	4290895049 (0xFFC1DCC9)
YUV	209.7610, -4.3192, -14.6994
Hunter-Lab	81.6869, -16.0054, 10.0750

Details

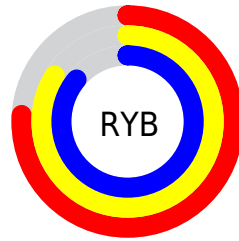
The RYB color **193, 214, 220** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **220, 193, 212**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **250, 253, 255**, and **139, 159, 165** is the 20% darker color. If you saturate the color by 10%, you get **171, 209, 220**, and if you desaturate by 10%, it is **215, 219, 220**.

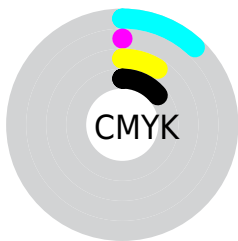
Distribution



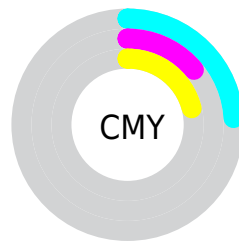
- Red (76%)
- Green (86%)
- Blue (79%)



- Red (76%)
- Yellow (84%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 214, 220 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 193, 214, 220 by changing the saturation by 10% instead.

 193, 214, 220


255, 255, 255


 250, 253, 255

 193, 214, 220

 166, 186, 192


 139, 159, 165

 114, 134, 139

 89, 108, 113

 65, 83, 89

 43, 60, 65


 21, 37, 43

 0, 20, 23

 0, 0, 0

 193, 214, 220

 193, 214, 220

 171, 209, 220

 215, 219, 220

 149, 204, 220


 237, 220, 232


 127, 199, 220


 255, 220, 248


 105, 194, 220

 255, 220, 255

 83, 190, 220

 61, 185, 220

 39, 180, 220

 17, 175, 220

 0, 171, 220

Harmonies

Analogous

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



191, 217, 200



193, 214, 220



182, 203, 221

Triad

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



193, 214, 220



201, 211, 240



242, 206, 199

Complementary

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



193, 214, 220



220, 193, 212

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.



241, 204, 212



193, 214, 220



218, 209, 236

Square

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



193, 214, 220



186, 206, 237



232, 206, 226



235, 220, 190

Rectangle

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



193, 214, 220



179, 200, 223



232, 206, 226



242, 205, 203

Sweetspot

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



193, 214, 220



245, 253, 255



193, 220, 201



121, 126, 128



0, 0, 0



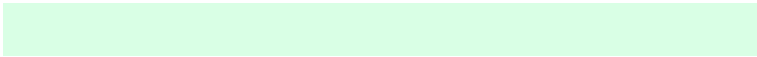
128, 128, 128

Same Dimension

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



193, 214, 220



217, 246, 255



193, 208, 220



99, 108, 110



0, 134, 173



0, 36, 46

Inverse Universe

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



220, 193, 212



255, 217, 244



220, 193, 199



110, 99, 107



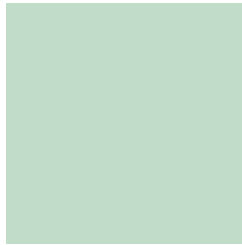
173, 0, 124



46, 0, 33

Previews

White Background



This preview shows how the RYB color 193, 214, 220 looks on a white background.

Color Contrast Check

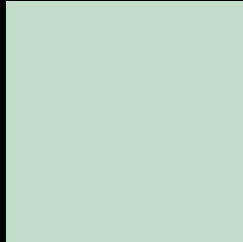
Large Text (above 18pt) WCAG AA × Fail

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 193, 214, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

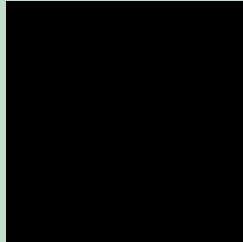
Any Text WCAG AA ✓ Pass

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 193, 214, 220 Background



This preview shows how black text looks on a background with the RYB color 193, 214, 220.



This preview shows how white text looks on a background with the RYB color 193, 214, 220.

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
198, 209, 232

Trichromacy



Original Color
193, 214, 220

Protanomaly
198, 215, 202

Deuteranomaly
221, 217, 203

Tritanomaly
196, 207, 221

Monochromacy



Original Color
193, 214, 220

Achromatopsia
210, 210, 210

Achromatomaly
204, 212, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 214, 220 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(193, 220, 201)` looks like.

```
.text, #text, p{  
    color:rgb(193, 220, 201)  
}
```

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(193, 220, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 220, 201) }
```

Border

The CSS property to change the border of an element to RYB 193, 214, 220 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(193, 220, 201) }
```

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

```
.border{ border-color:rgb(193, 220, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 220, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 220,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 193, 214, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 220, 201) }
```

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

```
.background{ background-color: rgb(193,  
220, 201) }
```

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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