

Converting Colors

`RYB(193, 225, 199)`

Have a look what the booklet for
RYB(193, 225, 199) contains.

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Color

R_YB(193, 225, 199)

Conversions

Conversions Part 1

Format	Color
Hex	DBE1C1
RGB	219, 225, 193
RGB Percent	86%, 88%, 76%
CMY	0.1412, 0.1176, 0.2431
CMYK	0.03, 0.00, 0.14, 0.12
HSL	71°, 35%, 82%
HSV	71°, 14%, 88%
XYZ	65.7643, 72.7608, 61.0302
YIQ	219.5580, 6.6960, -11.2240

Conversions

Conversions Part 2

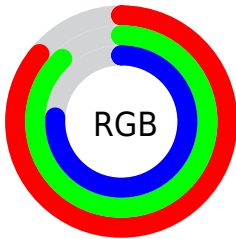
Format	Color
RYB	193, 225, 199
Decimal	14410177
CIELab	88.33, -7.48, 14.98
CIELCh	88, 16.746, 116.521
Yxy	72.7608, 0.3296, 0.3646
Android (android.graphics.Color)	4292600257 (0xFFDBE1C1)
YUV	219.5580, -13.0931, -0.4894
Hunter-Lab	85.2999, -11.6555, 17.2893

Details

The RYB color **193, 225, 199** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **199, 193, 225**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **249, 255, 249**, and **139, 170, 145** is the 20% darker color. If you saturate the color by 10%, you get **171, 225, 181**, and if you desaturate by 10%, it is **216, 225, 218**.

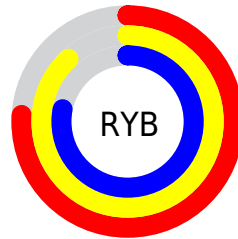
Distribution



Red (86%)

Green (88%)

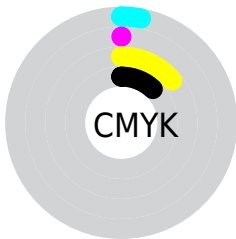
Blue (76%)



Red (76%)

Yellow (88%)

Blue (78%)

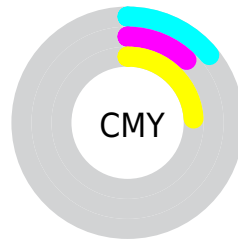


Cyan (3%)

Magenta (0%)

Yellow (14%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 225, 199 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, 225, 199 by changing the saturation by 10% instead.

 193, 225, 199


255, 255, 255

 249, 255, 249

 193, 225, 199


 166, 197, 172

 139, 170, 145

 114, 143, 119

 89, 118, 95

 66, 93, 72

 43, 70, 49


 23, 47, 29

 0, 26, 3

 0, 0, 0

 193, 225, 199

 193, 225, 199

 171, 225, 181

 216, 225, 218

 148, 225, 162

 227, 225, 238

 125, 225, 144

 232, 225, 255

 103, 225, 126

 236, 225, 255

 81, 225, 108

 240, 225, 255

 58, 225, 89

 244, 225, 255

 35, 225, 71

 249, 225, 255

 13, 225, 53

 253, 225, 255

 0, 225, 42

 255, 225, 255

Harmonies

Analogous

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



217, 237, 190



193, 225, 199



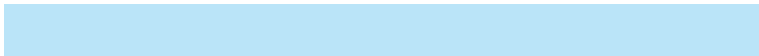
201, 226, 229

Triad

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



193, 225, 199



186, 211, 248



253, 211, 224

Complementary

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



193, 225, 199



199, 193, 225

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, 213, 239



193, 225, 199



202, 217, 253

Square

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



193, 225, 199



181, 207, 235



222, 218, 250



255, 211, 208

Rectangle

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



193, 225, 199



191, 216, 231



222, 218, 250



250, 211, 230

Sweetspot

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



193, 225, 199



245, 255, 247



225, 200, 193



121, 128, 123



0, 0, 0



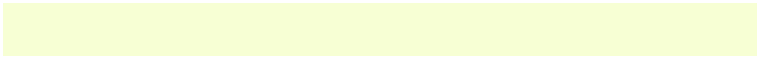
128, 128, 128

Same Dimension

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



193, 225, 199



212, 255, 220



193, 225, 215



101, 112, 103



0, 176, 33



0, 48, 9

Inverse Universe

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



199, 193, 225



220, 212, 255



215, 193, 225



103, 101, 112



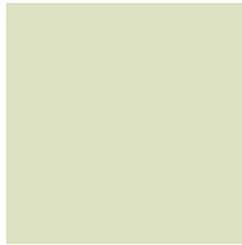
33, 0, 176



9, 0, 48

Previews

White Background



This preview shows how the RYB color 193, 225, 199 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, 225, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

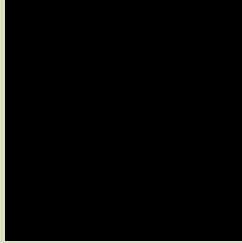
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

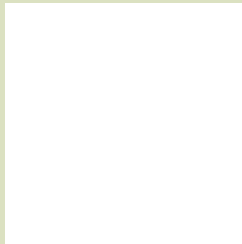
Any Text WCAG AAA ✓ Pass

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

RYB 193, 225, 199 Background



This preview shows how black text looks on a background with the RYB color 193, 225, 199.

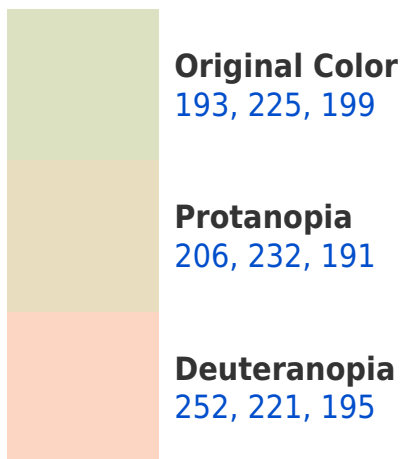


This preview shows how white text looks on a background with the RYB color 193, 225, 199.

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

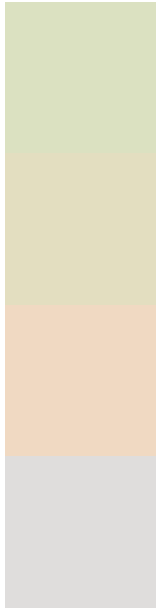




Tritanopia

225, 219, 236

Trichromacy



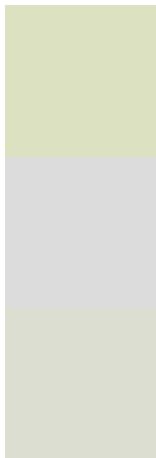
Original Color
193, 225, 199

Protanomaly
198, 227, 192

Deuteranomaly
240, 240, 194

Tritanomaly
223, 222, 220

Monochromacy



Original Color
193, 225, 199

Achromatopsia
220, 220, 220

Achromatomaly
210, 222, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 225, 199 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(219, 225, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 225, 193)  
}
```

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(219, 225, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 225, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 225, 199 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(219, 225, 193) }
```

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

```
.border{ border-color:rgb(219, 225, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 225, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 225, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 225, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 225,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 225, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 225, 193) }
```

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

```
.background{ background-color: rgb(219,  
225, 193) }
```

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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