

Converting Colors

`RYB(193, 224, 198)`

Have a look what the booklet for RYB(193, 224, 198) contains.

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Color

R_YB(193, 224, 198)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0C1
RGB	219, 224, 193
RGB Percent	86%, 88%, 76%
CMY	0.1412, 0.1216, 0.2431
CMYK	0.02, 0.00, 0.14, 0.12
HSL	70°, 33%, 82%
HSV	70°, 14%, 88%
XYZ	65.4947, 72.2216, 60.9403
YIQ	218.9710, 6.9710, -10.7010

Conversions

Conversions Part 2

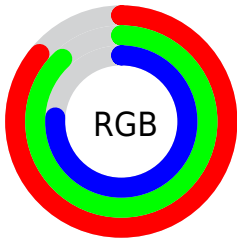
Format	Color
RYB	193, 224, 198
Decimal	14409921
CIELab	88.08, -6.97, 14.62
CIELCh	88, 16.195, 115.487
Yxy	72.2216, 0.3297, 0.3636
Android (android.graphics.Color)	4292600001 (0xFFDBE0C1)
YUV	218.9710, -12.8037, 0.0254
Hunter-Lab	84.9833, -11.1549, 16.9723

Details

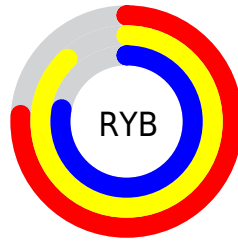
The RYB color **193, 224, 198** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **198, 193, 224**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **249, 255, 249**, and **139, 169, 144** is the 20% darker color. If you saturate the color by 10%, you get **171, 224, 180**, and if you desaturate by 10%, it is **215, 224, 216**.

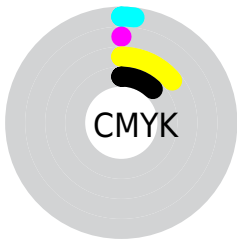
Distribution



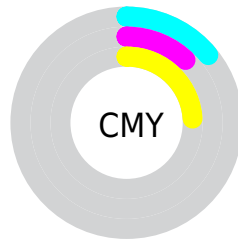
- Red (86%)
- Green (88%)
- Blue (76%)



- Red (76%)
- Yellow (88%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 224, 198 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, 224, 198 by changing the saturation by 10% instead.

 193, 224, 198


255, 255, 255

 249, 255, 249

 193, 224, 198

 166, 196, 171

 139, 169, 144

 114, 142, 118

 89, 117, 94

 66, 92, 71

 43, 69, 48

 23, 46, 27

 0, 26, 4

 0, 0, 0

 193, 224, 198

 193, 224, 198

 171, 224, 180

 215, 224, 216

 148, 224, 160

 226, 224, 238

 126, 224, 142

 230, 224, 255

 103, 224, 122

 233, 224, 255

 81, 224, 104

 237, 224, 255

 59, 224, 86

 241, 224, 255

 36, 224, 66

 244, 224, 255

 14, 224, 48

 248, 224, 255

 0, 224, 36

 252, 224, 255

Harmonies

Analogous

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



217, 236, 190



193, 224, 198



201, 226, 228

Triad

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



193, 224, 198



187, 211, 246



251, 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, 224, 198



198, 193, 224

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.



239, 213, 239



193, 224, 198



202, 217, 251

Square

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



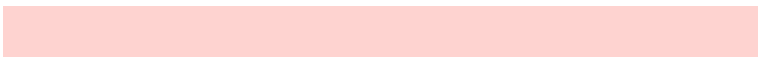
193, 224, 198



181, 206, 234



221, 218, 249



254, 211, 208

Rectangle

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



193, 224, 198



191, 216, 230



221, 218, 249



248, 211, 229

Sweetspot

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



193, 224, 198



245, 255, 247



224, 199, 193



121, 128, 123



0, 0, 0



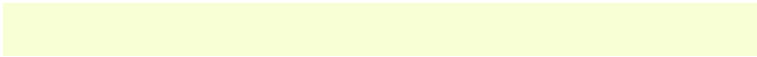
128, 128, 128

Same Dimension

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



193, 224, 198



212, 255, 219



193, 224, 213



101, 112, 103



0, 176, 28



0, 48, 7

Inverse Universe

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



198, 193, 224



219, 212, 255



213, 193, 224



103, 101, 112



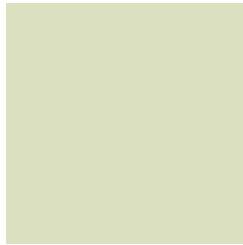
28, 0, 176



8, 0, 48

Previews

White Background



This preview shows how the RYB color 193, 224, 198 looks on a white background.

Color Contrast Check

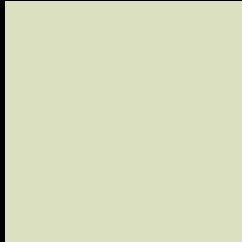
Large Text (above 18pt) WCAG AA × Fail

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, 224, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

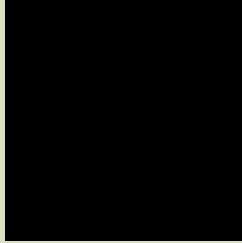
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

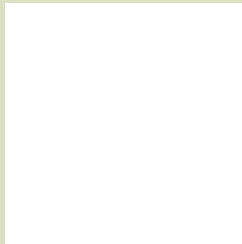
Any Text WCAG AAA ✓ Pass

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

RYB 193, 224, 198 Background



This preview shows how black text looks on a background with the RYB color 193, 224, 198.



This preview shows how white text looks on a background with the RYB color 193, 224, 198.

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](#).

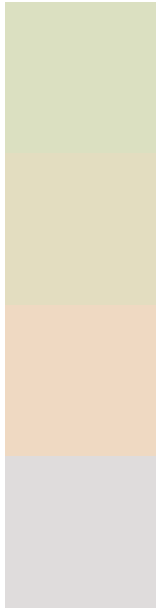
Dichromacy





Tritanopia
225, 218, 235

Trichromacy



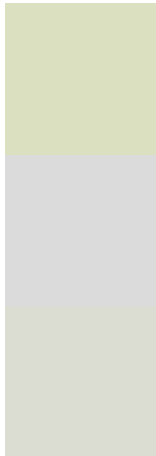
Original Color
193, 224, 198

Protanomaly
199, 227, 192

Deuteranomaly
237, 239, 194

Tritanomaly
223, 220, 220

Monochromacy



Original Color
193, 224, 198

Achromatopsia
219, 219, 219

Achromatomaly
210, 221, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 224, 198 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, 224, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 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, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 224, 198 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, 224, 193) }
```

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

```
.border{ border-color:rgb(219, 224, 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, 224, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 224, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 193) }
```

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

```
.background{ background-color: rgb(219,  
224, 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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