

Converting Colors

`RYB(191, 226, 197)`

Have a look what the booklet for
RYB(191, 226, 197) contains.

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Color

$\text{RYB}(191, 226, 197)$

Conversions

Conversions Part 1

Format	Color
Hex	DCE2BF
RGB	220, 226, 191
RGB Percent	86%, 89%, 75%
CMY	0.1373, 0.1137, 0.2510
CMYK	0.03, 0.00, 0.15, 0.11
HSL	70°, 38%, 82%
HSV	70°, 15%, 89%
XYZ	66.1155, 73.3699, 59.9674
YIQ	220.2160, 7.6590, -12.1570

Conversions

Conversions Part 2

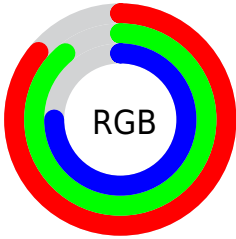
Format	Color
RYB	191, 226, 197
Decimal	14475967
CIELab	88.62, -7.94, 16.45
CIELCh	89, 18.265, 115.778
Yxy	73.3699, 0.3315, 0.3679
Android (android.graphics.Color)	4292666047 (0xFFDCE2BF)
YUV	220.2160, -14.4035, -0.1894
Hunter-Lab	85.6563, -12.1196, 18.4508

Details

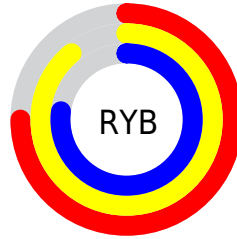
The RYB color **191, 226, 197** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **197, 191, 226**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **247, 255, 247**, and **138, 171, 144** is the 20% darker color. If you saturate the color by 10%, you get **168, 226, 178**, and if you desaturate by 10%, it is **214, 226, 216**.

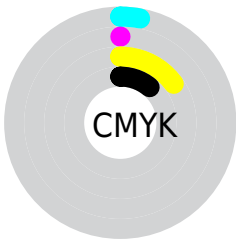
Distribution



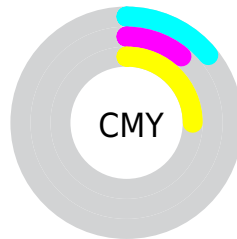
- Red (86%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 226, 197 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 191, 226, 197 by changing the saturation by 10% instead.

 191, 226, 197

255, 255, 255

 247, 255, 247

 191, 226, 197

 164, 198, 170


 138, 171, 144


 112, 144, 118

 87, 119, 93

 64, 94, 70

 42, 70, 48

 21, 48, 27

 0, 27, 4

 0, 0, 0

 191, 226, 197

 191, 226, 197

 168, 226, 178

 214, 226, 216

 146, 226, 160

 228, 226, 236

 123, 226, 141

 232, 226, 255

 101, 226, 122

 235, 226, 255

 78, 226, 103

 239, 226, 255

 55, 226, 84

 243, 226, 255

 33, 226, 66

 247, 226, 255

 10, 226, 47

 251, 226, 255

 0, 226, 39

 255, 226, 255

Harmonies

Analogous

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



218, 239, 188



191, 226, 197



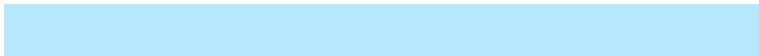
200, 228, 230

Triad

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



191, 226, 197



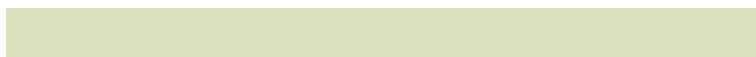
183, 211, 251



255, 211, 226

Complementary

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



191, 226, 197



197, 191, 226

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.



243, 214, 242



191, 226, 197



200, 217, 255

Square

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



191, 226, 197



177, 206, 237



223, 219, 254



255, 211, 208

Rectangle

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



191, 226, 197



189, 217, 232



223, 219, 254



253, 211, 231

Sweetspot

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



191, 226, 197



242, 255, 244



226, 198, 191



120, 128, 122



0, 0, 0



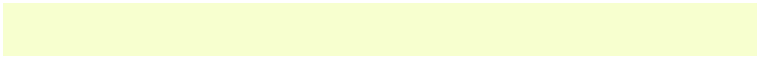
128, 128, 128

Same Dimension

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



191, 226, 197



207, 255, 215



191, 226, 214



101, 112, 103



0, 176, 30



0, 48, 8

Inverse Universe

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



197, 191, 226



215, 207, 255



214, 191, 226



103, 101, 112



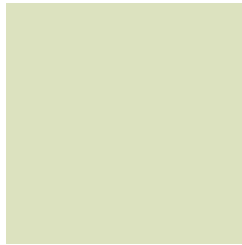
30, 0, 176



8, 0, 48

Previews

White Background



This preview shows how the RYB color 191, 226, 197 looks on a white background.

Color Contrast Check

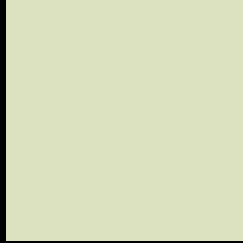
Large Text (above 18pt) WCAG AA × Fail

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 191, 226, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

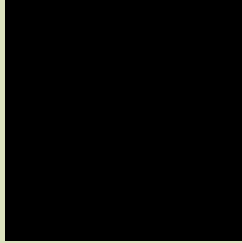
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

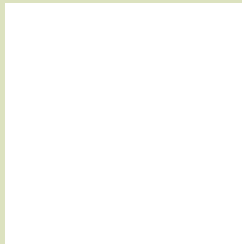
Any Text WCAG AAA ✓ Pass

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

R/YB 191, 226, 197 Background



This preview shows how black text looks on a background with the R/YB color 191, 226, 197.

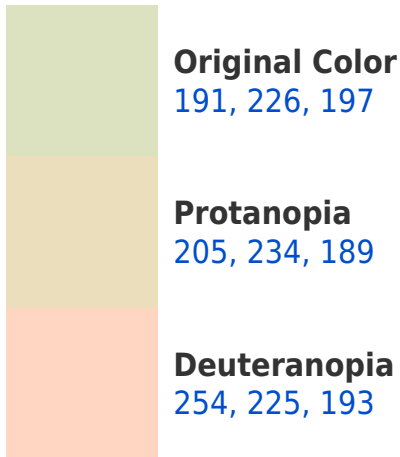


This preview shows how white text looks on a background with the R/YB color 191, 226, 197.

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](#).

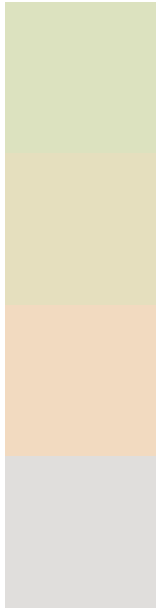
Dichromacy





Tritanopia
227, 220, 237

Trichromacy



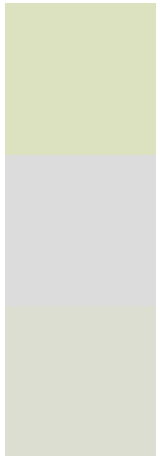
Original Color
191, 226, 197

Protanomaly
197, 229, 190

Deuteranomaly
238, 242, 192

Tritanomaly
224, 224, 220

Monochromacy



Original Color
191, 226, 197

Achromatopsia
220, 220, 220

Achromatomaly
209, 222, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 226, 197 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(220, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 191)  
}
```

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(220, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 191) }
```

Border

The CSS property to change the border of an element to RYB 191, 226, 197 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(220, 226, 191) }
```

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

```
.border{ border-color:rgb(220, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 191, 226, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 191) }
```

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

```
.background{ background-color: rgb(220,  
226, 191) }
```

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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