

Converting Colors

`RYB(193, 244, 227)`

Have a look what the booklet for
RYB(193, 244, 227) contains.

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Color

R_YB(193, 244, 227)

Conversions

Conversions Part 1

Format	Color
Hex	D2F4C1
RGB	210, 244, 193
RGB Percent	82%, 96%, 76%
CMY	0.1765, 0.0431, 0.2431
CMYK	0.14, 0.00, 0.21, 0.04
HSL	100°, 70%, 86%
HSV	100°, 21%, 96%
XYZ	68.5547, 82.2533, 62.7153
YIQ	228.0200, -3.8930, -23.0690

Conversions

Conversions Part 2

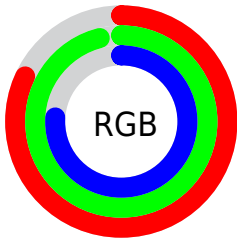
Format	Color
RYB	193, 244, 227
Decimal	13825217
CIELab	92.69, -20.07, 20.98
CIELCh	93, 29.039, 133.727
Yxy	82.2533, 0.3211, 0.3852
Android (android.graphics.Color)	4292015297 (0xFFD2F4C1)
YUV	228.0200, -17.2649, -15.8035
Hunter-Lab	90.6936, -23.7868, 22.4860

Details

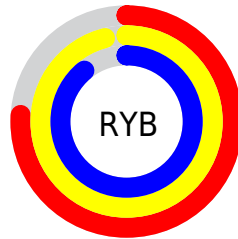
The RYB color **193, 244, 227** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **227, 193, 244**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **250, 255, 250**, and **139, 188, 172** is the 20% darker color. If you saturate the color by 10%, you get **169, 244, 219**, and if you desaturate by 10%, it is **217, 244, 235**.

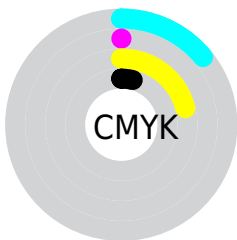
Distribution



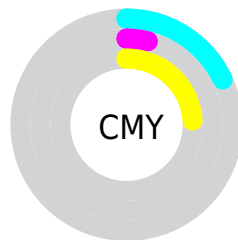
- Red (82%)
- Green (96%)
- Blue (76%)



- Red (76%)
- Yellow (96%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 244, 227 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, 244, 227 by changing the saturation by 10% instead.

 193, 244, 227


255, 255, 255


 250, 255, 250

 193, 244, 227

 166, 216, 200


 139, 188, 172

 114, 161, 146

 89, 134, 120

 65, 109, 96

 43, 84, 72

 21, 61, 50

 0, 39, 27

 0, 17, 17

■ 193, 244, 227

■ 193, 244, 227

■ 169, 244, 219

■ 217, 244, 235

■ 144, 244, 211

■ 242, 244, 243

■ 120, 244, 203

■ 255, 244, 255

■ 95, 244, 194

■ 71, 244, 186

■ 47, 244, 179

■ 22, 244, 170

■ 0, 244, 163

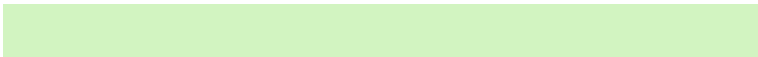
Harmonies

Analogous

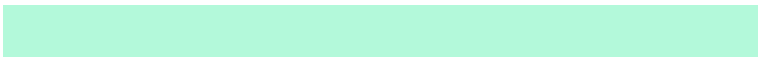
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187, 242, 180



193, 244, 227



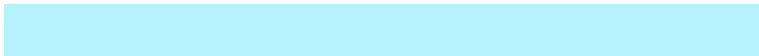
179, 224, 249

Triad

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



193, 244, 227



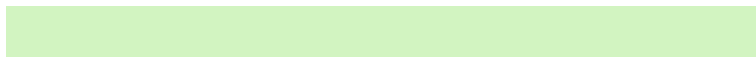
181, 214, 255



255, 214, 222

Complementary

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



193, 244, 227



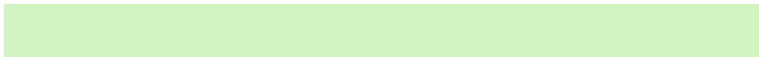
227, 193, 244

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.



255, 216, 250



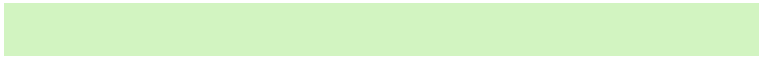
193, 244, 227



218, 228, 255

Square

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



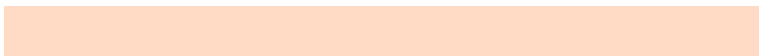
193, 244, 227



157, 204, 255



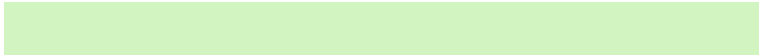
254, 223, 255



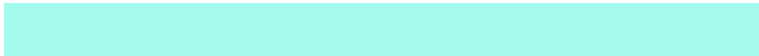
255, 232, 197

Rectangle

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



193, 244, 227



163, 210, 250



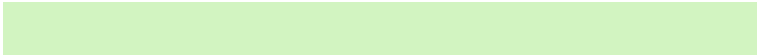
254, 223, 255



255, 214, 231

Sweetspot

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



193, 244, 227



240, 255, 250



219, 244, 193



119, 128, 125



0, 0, 0



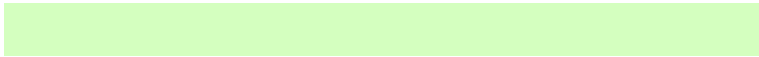
128, 128, 128

Same Dimension

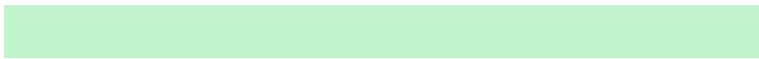
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 244, 227



191, 255, 234



193, 236, 244



110, 122, 118



0, 186, 124



0, 59, 39

Inverse Universe

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



227, 193, 244



234, 191, 255



244, 193, 236



118, 110, 122



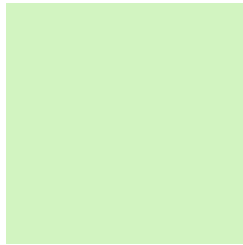
124, 0, 186



39, 0, 59

Previews

White Background



This preview shows how the RYB color 193, 244, 227 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, 244, 227 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

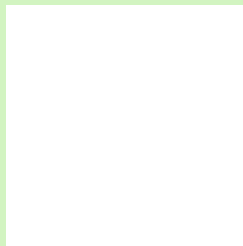
Any Text WCAG AAA ✓ Pass

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

RYB 193, 244, 227 Background



This preview shows how black text looks on a background with the RYB color 193, 244, 227.

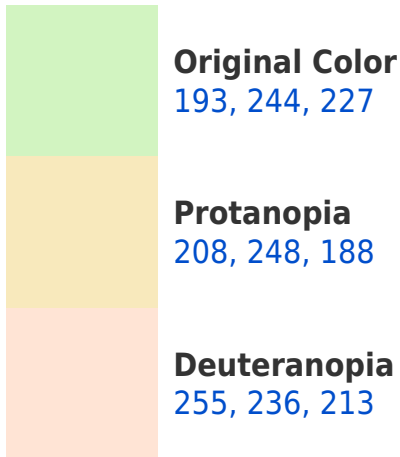


This preview shows how white text looks on a background with the RYB color 193, 244, 227.

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





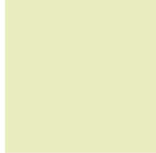
Tritanopia
220, 231, 254

Trichromacy



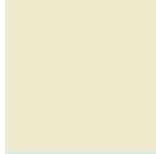
Original Color

193, 244, 227



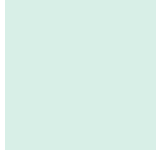
Protanomaly

190, 237, 193



Deuteranomaly

212, 239, 206



Tritanomaly

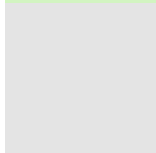
216, 230, 239

Monochromacy



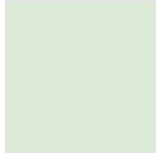
Original Color

193, 244, 227



Achromatopsia

228, 228, 228



Achromatomaly

215, 234, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 244, 227 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(210, 244, 193)` looks like.

```
.text, #text, p{  
    color:rgb(210, 244, 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(210, 244, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 244, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 244, 227 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(210, 244, 193) }
```

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

```
.border{ border-color:rgb(210, 244, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 244, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 244, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 244, 193); box-shadow:4px 4px 4px 4px rgb(210, 244, 193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 244, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 244, 193) }
```

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

```
.background{ background-color: rgb(210,  
244, 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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