

Converting Colors

`RYB(193, 249, 218)`

Have a look what the booklet for
RYB(193, 249, 218) contains.

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Color

R_YB(193, 249, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E0F9C1
RGB	224, 249, 193
RGB Percent	88%, 98%, 76%
CMY	0.1216, 0.0235, 0.2431
CMYK	0.10, 0.00, 0.22, 0.02
HSL	87°, 82%, 87%
HSV	87°, 22%, 98%
XYZ	74.2418, 87.4489, 63.4184
YIQ	235.1410, 3.0760, -22.7160

Conversions

Conversions Part 2

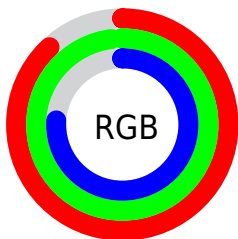
Format	Color
RYB	193, 249, 218
Decimal	14744001
CIELab	94.93, -17.66, 24.23
CIELCh	95, 29.986, 126.092
Yxy	87.4489, 0.3298, 0.3885
Android (android.graphics.Color)	4292934081 (0xFFE0F9C1)
YUV	235.1410, -20.7755, -9.7707
Hunter-Lab	93.5141, -21.9368, 25.2512

Details

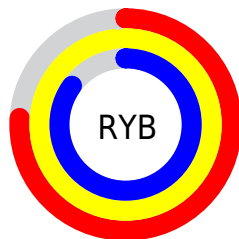
The RYB color **193, 249, 218** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **218, 193, 249**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **250, 255, 250**, and **139, 193, 164** is the 20% darker color. If you saturate the color by 10%, you get **168, 249, 204**, and if you desaturate by 10%, it is **218, 249, 232**.

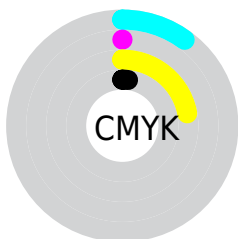
Distribution



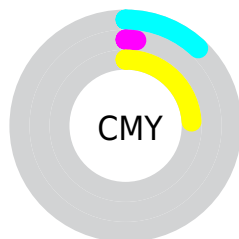
- Red (88%)
- Green (98%)
- Blue (76%)



- Red (76%)
- Yellow (98%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (12%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 249, 218 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, 249, 218 by changing the saturation by 10% instead.

 193, 249, 218

255, 255, 255


 250, 255, 250

 193, 249, 218

 166, 220, 190

 139, 193, 164

 113, 165, 136

 89, 139, 112

 65, 113, 87

 42, 89, 65

 20, 65, 42

 0, 43, 20

 0, 24, 24

 193, 249, 218

 193, 249, 218

 168, 249, 204

 218, 249, 232

 143, 249, 190

 243, 249, 246

 118, 249, 176

 255, 249, 255

 93, 249, 162

 69, 249, 150

 44, 249, 136

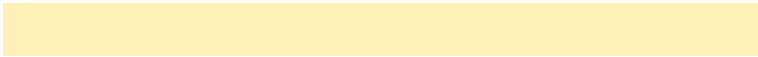
 19, 249, 122

 0, 249, 111

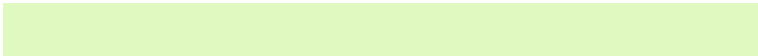
Harmonies

Analogous

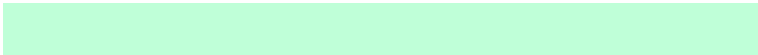
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202, 255, 183



193, 249, 218



191, 237, 255

Triad

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



193, 249, 218



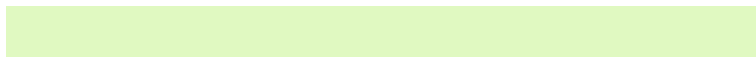
177, 215, 255



255, 220, 235

Complementary

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



193, 249, 218



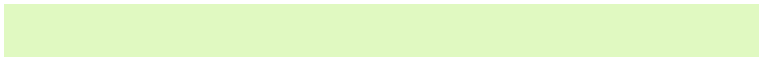
218, 193, 249

Split Complementary

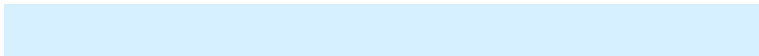
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 223, 255



193, 249, 218



214, 230, 255

Square

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



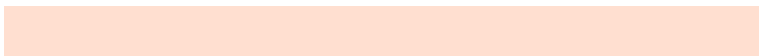
193, 249, 218



158, 207, 255



253, 231, 255



255, 230, 208

Rectangle

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



193, 249, 218



172, 219, 255



253, 231, 255



255, 220, 245

Sweetspot

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



193, 249, 218



237, 255, 245



249, 235, 193



117, 128, 122



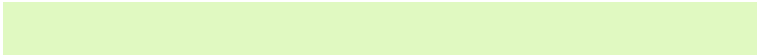
0, 0, 0



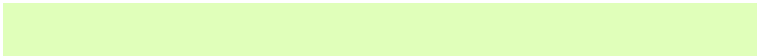
128, 128, 128

Same Dimension

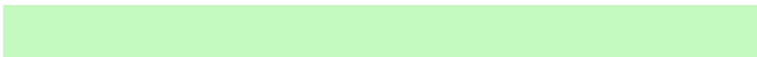
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 249, 218



186, 255, 217



193, 249, 245



112, 125, 118



0, 189, 85



0, 61, 27

Inverse Universe

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



218, 193, 249



217, 186, 255



245, 193, 249



118, 112, 125



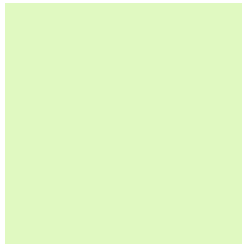
84, 0, 189



27, 0, 61

Previews

White Background



This preview shows how the RYB color 193, 249, 218 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, 249, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

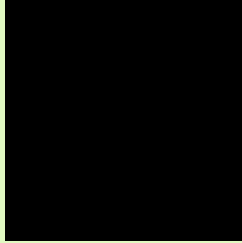
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

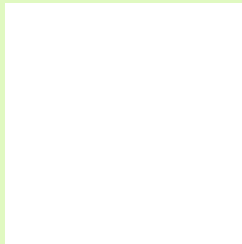
Any Text WCAG AAA ✓ Pass

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

RYB 193, 249, 218 Background



This preview shows how black text looks on a background with the RYB color 193, 249, 218.

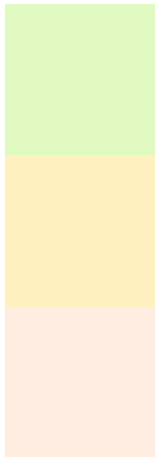


This preview shows how white text looks on a background with the RYB color 193, 249, 218.

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



Original Color
193, 249, 218

Protanopia
211, 255, 191

Deuteranopia
255, 245, 225



Tritanopia

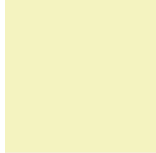
235, 239, 255

Trichromacy



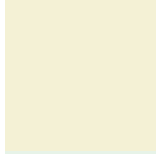
Original Color

193, 249, 218



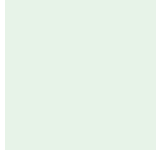
Protanomaly

193, 244, 192



Deuteranomaly

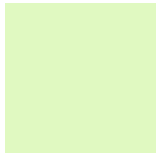
216, 244, 213



Tritanomaly

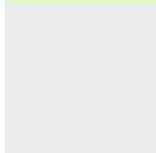
231, 242, 243

Monochromacy



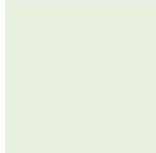
Original Color

193, 249, 218



Achromatopsia

235, 235, 235



Achromatomaly

220, 240, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 249, 218 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(224, 249, 193)` looks like.

```
.text, #text, p{  
    color:rgb(224, 249, 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(224, 249, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 249, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 249, 218 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(224, 249, 193) }
```

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

```
.border{ border-color:rgb(224, 249, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 249, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 249, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 249, 193);  
box-shadow:4px 4px 4px 4px rgb(224, 249,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 249, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 249, 193) }
```

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

```
.background{ background-color: rgb(224,  
249, 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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