

Converting Colors

`RYB(193, 255, 217)`

Have a look what the booklet for
RYB(193, 255, 217) contains.

RYB(193, 255, 217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(193, 255, 217)`

Conversions

Conversions Part 1

Format	Color
Hex	E7FFC1
RGB	231, 255, 193
RGB Percent	91%, 100%, 76%
CMY	0.0941, 0.0000, 0.2431
CMYK	0.09, 0.00, 0.24, 0.00
HSL	83°, 100%, 88%
HSV	83°, 24%, 100%
XYZ	78.3406, 92.3592, 64.1502
YIQ	240.7560, 5.5980, -24.3700

Conversions

Conversions Part 2

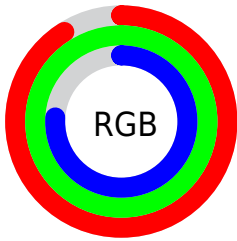
Format	Color
RYB	193, 255, 217
Decimal	15204289
CIELab	96.97, -18.13, 27.11
CIELCh	97, 32.609, 123.774
Yxy	92.3592, 0.3336, 0.3933
Android (android.graphics.Color)	4293394369 (0xFFE7FFC1)
YUV	240.7560, -23.5437, -8.5560
Hunter-Lab	96.1037, -22.6740, 27.6959

Details

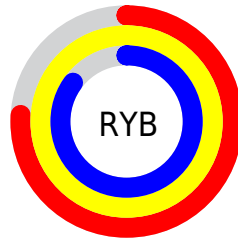
The RYB color **193, 255, 217** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **217, 193, 255**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **250, 255, 250**, and **139, 198, 162** is the 20% darker color. If you saturate the color by 10%, you get **168, 255, 202**, and if you desaturate by 10%, it is **219, 255, 233**.

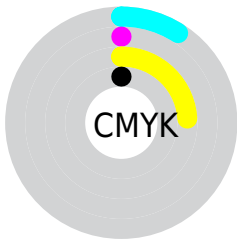
Distribution



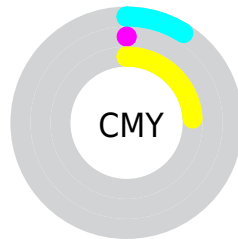
- Red (91%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 255, 217 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, 255, 217 by changing the saturation by 10% instead.

 193, 255, 217

255, 255, 255


 250, 255, 250

 193, 255, 217


 166, 226, 189

 139, 198, 162

 113, 171, 136

 88, 144, 110

 64, 119, 87

 41, 94, 63

 19, 70, 41

 0, 48, 21

 0, 28, 28

■ 193, 255, 217

■ 193, 255, 217

■ 168, 255, 202

■ 219, 255, 233

■ 142, 255, 186

■ 244, 255, 248

■ 117, 255, 171

255, 255, 255

■ 91, 255, 154

■ 66, 255, 139

■ 40, 255, 123

■ 15, 255, 108

■ 0, 255, 99

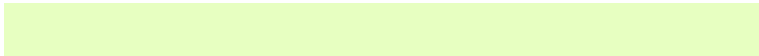
Harmonies

Analogous

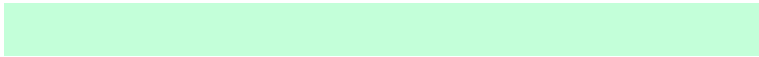
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195, 255, 183



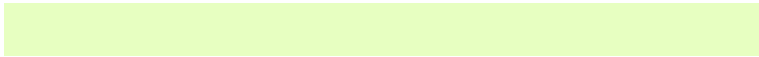
193, 255, 217



195, 239, 255

Triad

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



193, 255, 217



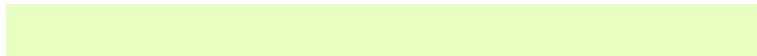
173, 214, 255



255, 223, 243

Complementary

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



193, 255, 217



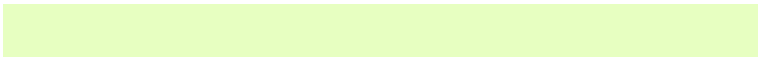
217, 193, 255

Split Complementary

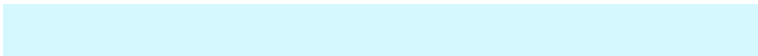
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 227, 255



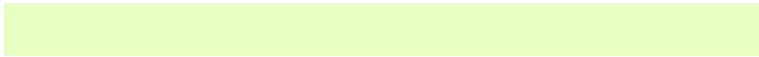
193, 255, 217



213, 232, 255

Square

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



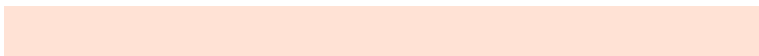
193, 255, 217



154, 205, 255



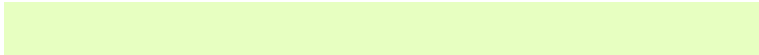
255, 237, 255



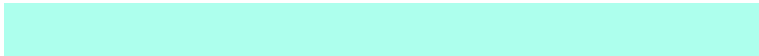
255, 232, 213

Rectangle

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



193, 255, 217



173, 219, 255



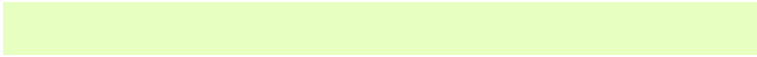
255, 237, 255



255, 224, 254

Sweetspot

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



193, 255, 217



237, 255, 244



255, 232, 193



117, 128, 121



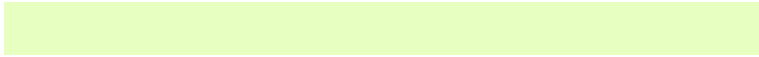
0, 0, 0



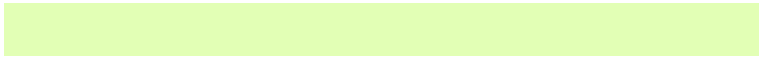
128, 128, 128

Same Dimension

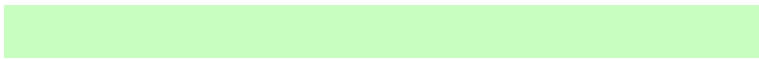
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 255, 217



181, 255, 210



193, 255, 248



115, 128, 120



0, 191, 74



0, 64, 25

Inverse Universe

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



217, 193, 255



210, 181, 255



248, 193, 255



120, 115, 128



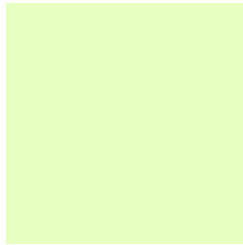
74, 0, 191



25, 0, 64

Previews

White Background



This preview shows how the RYB color 193, 255, 217 looks on a white background.

Color Contrast Check

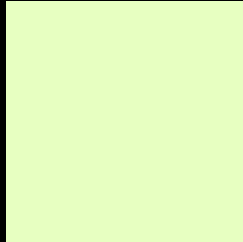
Large Text (above 18pt) WCAG AA × Fail

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, 255, 217 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

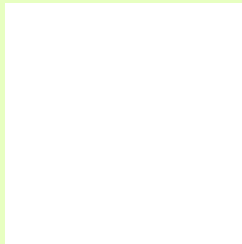
Any Text WCAG AAA ✓ Pass

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

RYB 193, 255, 217 Background



This preview shows how black text looks on a background with the RYB color 193, 255, 217.

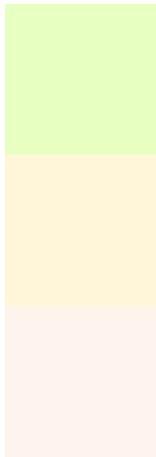


This preview shows how white text looks on a background with the RYB color 193, 255, 217.

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, 255, 217

Protanopia
230, 255, 218

Deuteranopia
255, 248, 237



Tritanopia

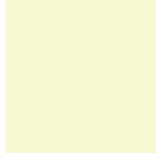
244, 246, 255

Trichromacy



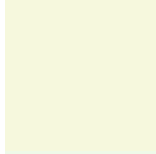
Original Color

193, 255, 217



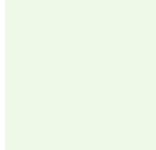
Protanomaly

209, 249, 212



Deuteranomaly

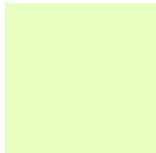
221, 248, 223



Tritanomaly

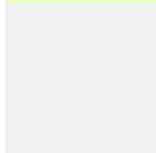
232, 249, 242

Monochromacy



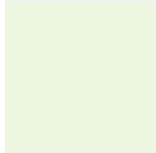
Original Color

193, 255, 217



Achromatopsia

241, 241, 241



Achromatomaly

224, 246, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 255, 217 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(231, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 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(231, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 255, 217 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(231, 255, 193) }
```

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

```
.border{ border-color:rgb(231, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 255, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 193) }
```

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

```
.background{ background-color: rgb(231,  
255, 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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