

Converting Colors

`RYB(195, 247, 224)`

Have a look what the booklet for
RYB(195, 247, 224) contains.

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Color

RYB(195, 247, 224)

Conversions

Conversions Part 1

Format	Color
Hex	DAF7C3
RGB	218, 247, 195
RGB Percent	85%, 97%, 76%
CMY	0.1451, 0.0314, 0.2353
CMYK	0.12, 0.00, 0.21, 0.03
HSL	93°, 76%, 87%
HSV	93°, 21%, 97%
XYZ	72.0245, 85.3671, 64.3112
YIQ	232.4010, -0.5920, -22.3200

Conversions

Conversions Part 2

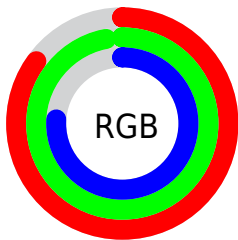
Format	Color
R_{YB}	195, 247, 224
Decimal	14350275
CIE _{Lab}	94.04, -18.47, 21.92
CIE _{LCh}	94, 28.665, 130.116
Yxy	85.3671, 0.3249, 0.3851
Android (android.graphics.Color)	4292540355 (0xFFDAF7C3)
YUV	232.4010, -18.4387, -12.6297
Hunter-Lab	92.3943, -22.5432, 23.4071

Details

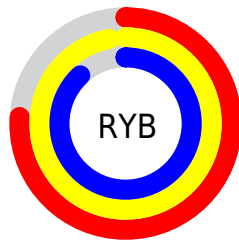
The RYB color **195, 247, 224** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **224, 195, 247**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **252, 255, 252**, and **141, 191, 169** is the 20% darker color. If you saturate the color by 10%, you get **170, 247, 213**, and if you desaturate by 10%, it is **220, 247, 235**.

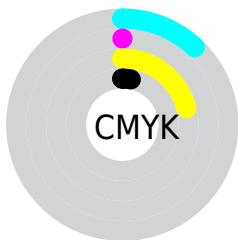
Distribution



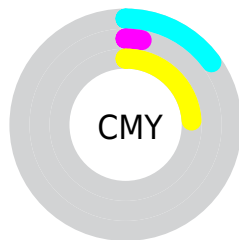
- Red (85%)
- Green (97%)
- Blue (76%)



- Red (76%)
- Yellow (97%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (15%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 247, 224 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 195, 247, 224 by changing the saturation by 10% instead.


 195, 247, 224

255, 255, 255


252, 255, 252


 195, 247, 224

 168, 218, 196

 141, 191, 169

 115, 163, 142

 91, 137, 118

 67, 112, 93

 44, 87, 69


 22, 64, 47

 0, 41, 23

 0, 23, 23

 195, 247, 224

 195, 247, 224

 170, 247, 213

 220, 247, 235

 146, 247, 203

 244, 247, 245

 121, 247, 191

 255, 247, 255

 96, 247, 180

 72, 247, 170

 47, 247, 159

 22, 247, 147

 0, 247, 138

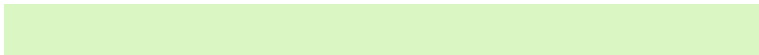
Harmonies

Analogous

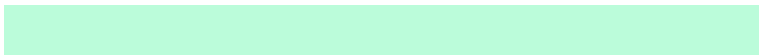
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195, 249, 183



195, 247, 224



187, 231, 252

Triad

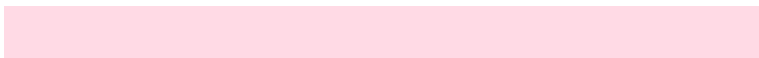
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 247, 224



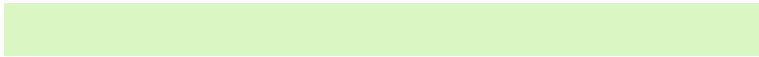
182, 216, 255



255, 218, 229

Complementary

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



195, 247, 224



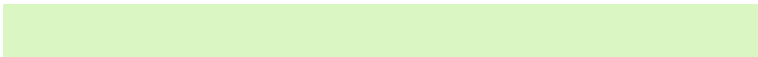
224, 195, 247

Split Complementary

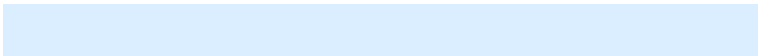
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 220, 255



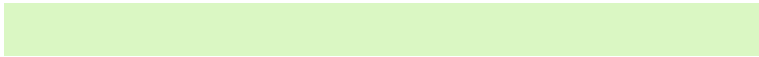
195, 247, 224



218, 231, 255

Square

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



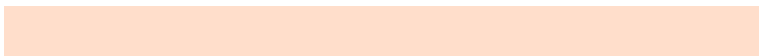
195, 247, 224



161, 207, 255



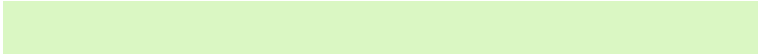
254, 228, 255



255, 233, 203

Rectangle

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



195, 247, 224



171, 217, 254



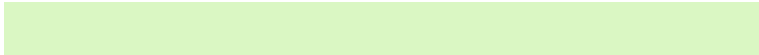
254, 228, 255



255, 218, 239

Sweetspot

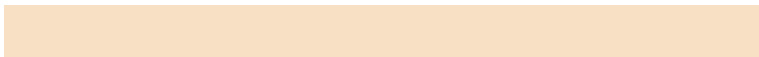
The Sweet Spot groups the original color and five complimentary colors.



195, 247, 224



240, 255, 249



236, 247, 195



119, 128, 124



0, 0, 0



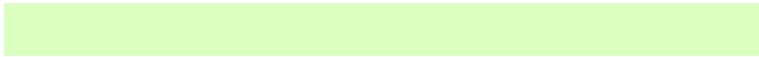
128, 128, 128

Same Dimension

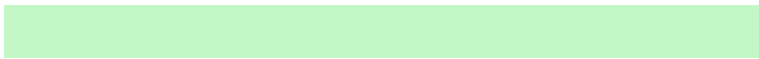
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 247, 224



191, 255, 227



195, 244, 247



110, 122, 116



0, 186, 104



0, 59, 33

Inverse Universe

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



224, 195, 247



227, 191, 255



247, 195, 244



117, 110, 122



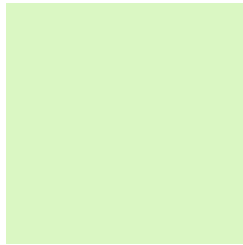
104, 0, 186



33, 0, 59

Previews

White Background



This preview shows how the RYB color 195, 247, 224 looks on a white background.

Color Contrast Check

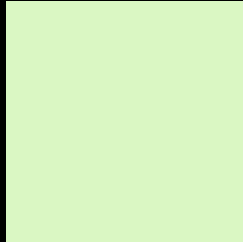
Large Text (above 18pt) WCAG AA × Fail

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 195, 247, 224 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

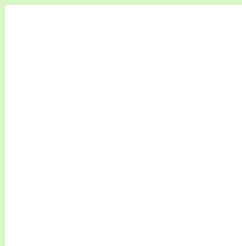
Any Text WCAG AAA ✓ Pass

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

RYB 195, 247, 224 Background



This preview shows how black text looks on a background with the RYB color 195, 247, 224.

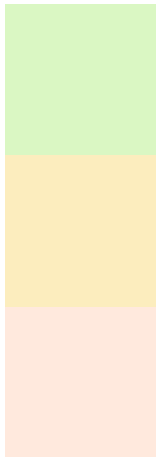


This preview shows how white text looks on a background with the RYB color 195, 247, 224.

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
195, 247, 224

Protanopia
210, 252, 190

Deuteranopia
255, 240, 221



Tritanopia

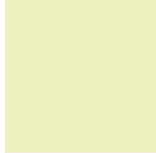
229, 236, 255

Trichromacy



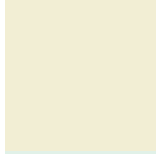
Original Color

195, 247, 224



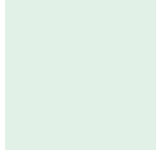
Protanomaly

192, 241, 193



Deuteranomaly

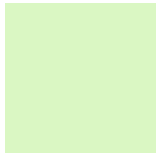
217, 242, 212



Tritanomaly

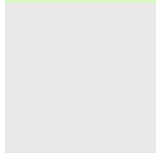
225, 236, 241

Monochromacy



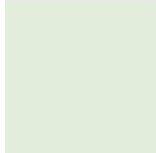
Original Color

195, 247, 224



Achromatopsia

232, 232, 232



Achromatomaly

219, 237, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 247, 224 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(218, 247, 195)` looks like.

```
.text, #text, p{  
    color:rgb(218, 247, 195)  
}
```

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(218, 247, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 247, 195) }
```

Border

The CSS property to change the border of an element to RYB 195, 247, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

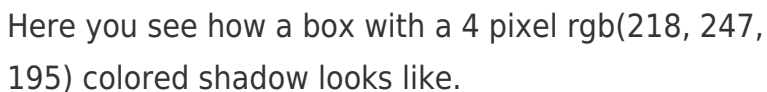
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 247, 195) }
```

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

```
.border{ border-color:rgb(218, 247, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 247, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 247, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 247, 195);  
box-shadow:4px 4px 4px 4px rgb(218, 247,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 195, 247, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 247, 195) }
```

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

```
.background{ background-color: rgb(218,  
247, 195) }
```

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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