

Converting Colors

`RYB(152, 255, 184)`

Have a look what the booklet for
RYB(152, 255, 184) contains.

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Color

R_YB(152, 255, 184)

Conversions

Conversions Part 1

Format	Color
Hex	DFFF98
RGB	223, 255, 152
RGB Percent	87%, 100%, 60%
CMY	0.1255, 0.0000, 0.4039
CMYK	0.13, 0.00, 0.40, 0.00
HSL	79°, 100%, 80%
HSV	79°, 40%, 100%
XYZ	71.8589, 89.4750, 43.1888
YIQ	233.6900, 13.9910, -38.8170

Conversions

Conversions Part 2

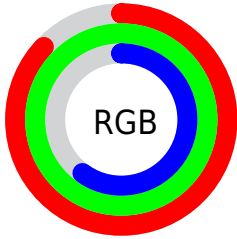
Format	Color
RYB	152, 255, 184
Decimal	14679960
CIELab	95.78, -26.31, 45.77
CIELCh	96, 52.795, 119.889
Yxy	89.4750, 0.3513, 0.4375
Android (android.graphics.Color)	4292870040 (0xFFDFFF98)
YUV	233.6900, -40.2732, -9.3751
Hunter-Lab	94.5912, -29.9320, 39.1430

Details

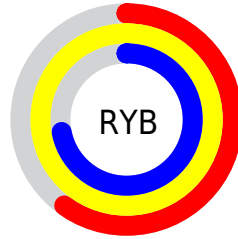
The RYB color **152, 255, 184** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **184, 152, 255**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **208, 255, 208**, and **99, 198, 131** is the 20% darker color. If you saturate the color by 10%, you get **127, 255, 167**, and if you desaturate by 10%, it is **178, 255, 202**.

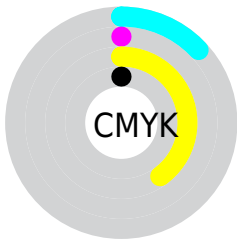
Distribution



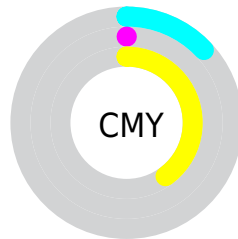
- Red (87%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 255, 184 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 152, 255, 184 by changing the saturation by 10% instead.

 152, 255, 184


255, 255, 255


 208, 255, 208

 236, 255, 236


 152, 255, 184


 125, 226, 157

 99, 198, 131

 73, 171, 105

 48, 144, 80

 21, 118, 53

 0, 94, 34

 0, 70, 34

 0, 47, 41

 0, 29, 29

■ 152, 255, 184

■ 152, 255, 184

■ 127, 255, 167

■ 178, 255, 202

■ 101, 255, 149

■ 203, 255, 219

■ 76, 255, 132

■ 229, 255, 237

■ 50, 255, 114

254, 255, 254

■ 24, 255, 96

255, 255, 255

■ 0, 255, 79

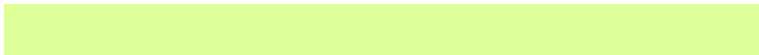
Harmonies

Analogous

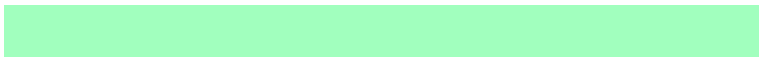
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156, 255, 139



152, 255, 184



161, 233, 255

Triad

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



152, 255, 184



49, 152, 255



255, 202, 245

Complementary

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



152, 255, 184



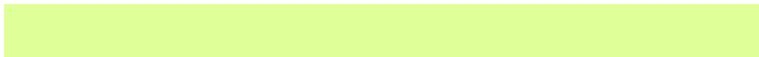
184, 152, 255

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, 212, 255



152, 255, 184



165, 208, 255

Square

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



152, 255, 184



0, 128, 255



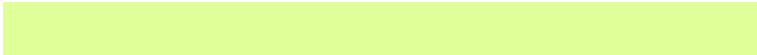
248, 230, 255



255, 210, 195

Rectangle

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



152, 255, 184



112, 193, 255



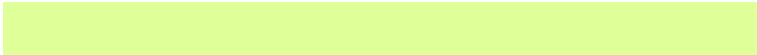
248, 230, 255



255, 204, 255

Sweetspot

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



152, 255, 184



224, 255, 234



255, 196, 152



110, 128, 116



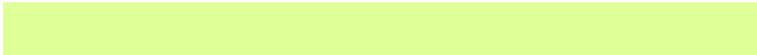
0, 0, 0



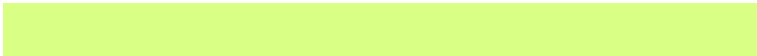
128, 128, 128

Same Dimension

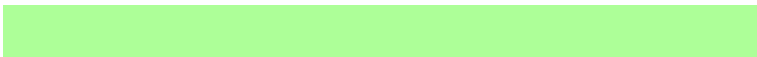
The Same Dimension uses a secret algorithm to generate beautiful new colors.



152, 255, 184



133, 255, 171



152, 255, 234



115, 128, 119



0, 191, 59



0, 64, 20

Inverse Universe

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



184, 152, 255



171, 133, 255



234, 152, 255



119, 115, 128



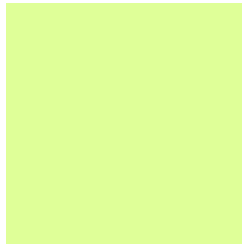
59, 0, 191



20, 0, 64

Previews

White Background



This preview shows how the RYB color 152, 255, 184 looks on a white background.

Color Contrast Check

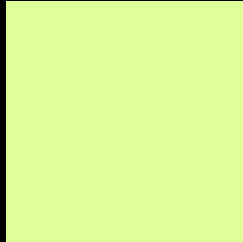
Large Text (above 18pt) WCAG AA × Fail

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 152, 255, 184 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 152, 255, 184 Background



This preview shows how black text looks on a background with the RYB color 152, 255, 184.

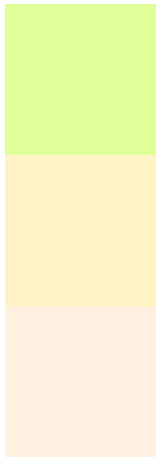


This preview shows how white text looks on a background with the RYB color 152, 255, 184.

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
152, 255, 184

Protanopia
214, 255, 197

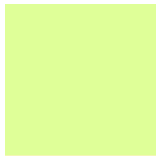
Deuteranopia
255, 253, 226



Tritanopia

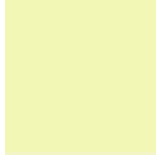
239, 242, 255

Trichromacy



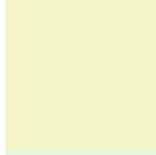
Original Color

152, 255, 184



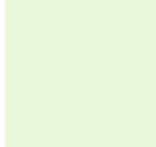
Protanomaly

181, 247, 185



Deuteranomaly

199, 245, 201



Tritanomaly

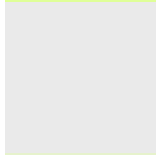
218, 247, 232

Monochromacy



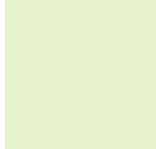
Original Color

152, 255, 184



Achromatopsia

234, 234, 234



Achromatomaly

204, 242, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 255, 184 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(223, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 152)  
}
```

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(223, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 255, 184 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(223, 255, 152) }
```

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

```
.border{ border-color:rgb(223, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 255, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 255, 152); box-shadow:4px 4px 4px 4px rgb(223, 255, 152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 255, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 152) }
```

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

```
.background{ background-color: rgb(223,  
255, 152) }
```

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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