

Converting Colors

`RYB(174, 251, 205)`

Have a look what the booklet for
RYB(174, 251, 205) contains.

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Color

R_YB(174, 251, 205)

Conversions

Conversions Part 1

Format	Color
Hex	DCFBAE
RGB	220, 251, 174
RGB Percent	86%, 98%, 68%
CMY	0.1373, 0.0157, 0.3176
CMYK	0.12, 0.00, 0.31, 0.02
HSL	84°, 91%, 83%
HSV	84°, 31%, 98%
XYZ	71.6524, 87.2660, 53.1119
YIQ	232.9530, 6.2410, -30.5190

Conversions

Conversions Part 2

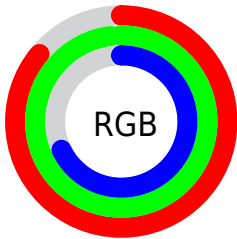
Format	Color
RYB	174, 251, 205
Decimal	14482350
CIELab	94.85, -22.75, 33.69
CIELCh	95, 40.647, 124.031
Yxy	87.2660, 0.3379, 0.4116
Android (android.graphics.Color)	4292672430 (0xFFDCFBAE)
YUV	232.9530, -29.0638, -11.3598
Hunter-Lab	93.4163, -26.5650, 31.6820

Details

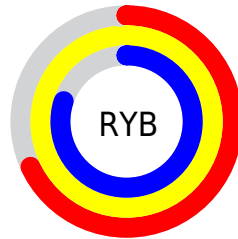
The RYB color **174, 251, 205** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **205, 174, 251**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **230, 255, 230**, and **121, 194, 151** is the 20% darker color. If you saturate the color by 10%, you get **149, 251, 190**, and if you desaturate by 10%, it is **199, 251, 220**.

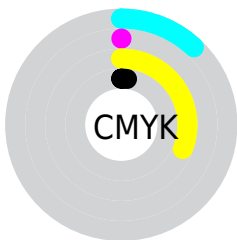
Distribution



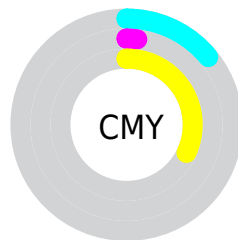
- Red (86%)
- Green (98%)
- Blue (68%)



- Red (68%)
- Yellow (98%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 251, 205 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 174, 251, 205 by changing the saturation by 10% instead.


 174, 251, 205


255, 255, 255


 230, 255, 230


 174, 251, 205


 147, 222, 177

 121, 194, 151

 95, 167, 125

 71, 141, 101

 47, 115, 76

 23, 90, 52

 0, 67, 30

 0, 44, 31

 0, 26, 26

■ 174, 251, 205

■ 174, 251, 205

■ 149, 251, 190

■ 199, 251, 220

■ 124, 251, 175

■ 224, 251, 235

■ 99, 251, 160

■ 249, 251, 250

■ 74, 251, 145

■ 255, 251, 255

■ 49, 251, 131

■ 23, 251, 115

■ 0, 251, 101

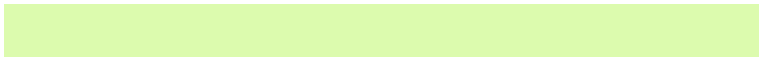
Harmonies

Analogous

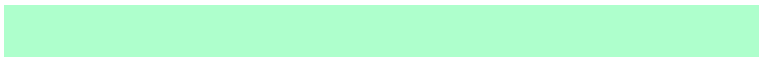
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180, 255, 161



174, 251, 205



174, 233, 255

Triad

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



174, 251, 205



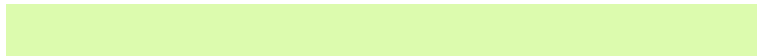
139, 196, 255



255, 211, 236

Complementary

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



174, 251, 205



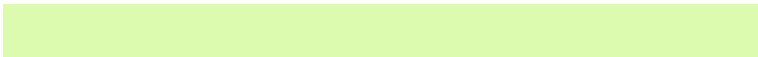
205, 174, 251

Split Complementary

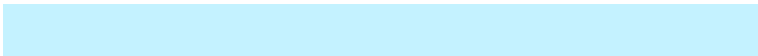
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 255



174, 251, 205



196, 222, 255

Square

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



174, 251, 205



109, 182, 255



253, 228, 255



255, 222, 198

Rectangle

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



174, 251, 205



144, 206, 255



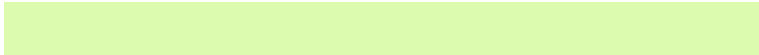
253, 228, 255



255, 211, 250

Sweetspot

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



174, 251, 205



232, 255, 241



251, 226, 174



113, 128, 119



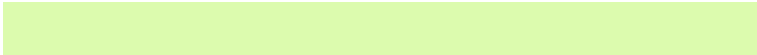
0, 0, 0



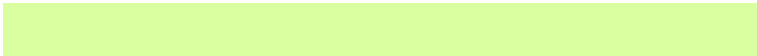
128, 128, 128

Same Dimension

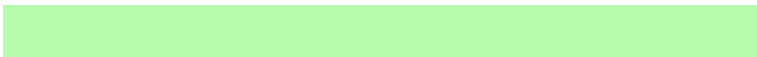
The Same Dimension uses a secret algorithm to generate beautiful new colors.



174, 251, 205



161, 255, 199



174, 251, 243



112, 125, 117



0, 189, 76



0, 61, 24

Inverse Universe

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



205, 174, 251



199, 161, 255



243, 174, 251



117, 112, 125



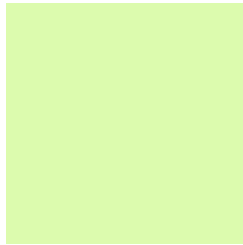
76, 0, 189



25, 0, 61

Previews

White Background



This preview shows how the RYB color 174, 251, 205 looks on a white background.

Color Contrast Check

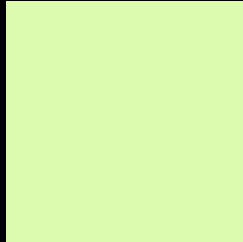
Large Text (above 18pt) WCAG AA × Fail

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 174, 251, 205 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

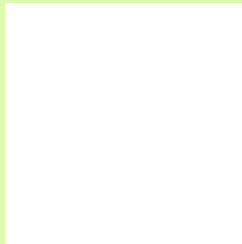
Any Text WCAG AAA ✓ Pass

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

RYB 174, 251, 205 Background



This preview shows how black text looks on a background with the RYB color 174, 251, 205.

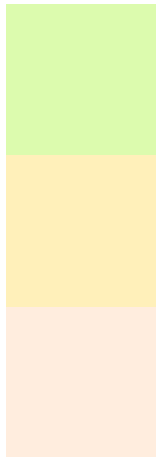


This preview shows how white text looks on a background with the RYB color 174, 251, 205.

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
174, 251, 205

Protanopia
205, 255, 186

Deuteranopia
255, 250, 222



Tritanopia

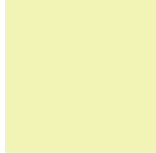
234, 239, 255

Trichromacy



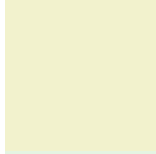
Original Color

174, 251, 205



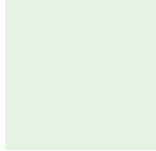
Protanomaly

182, 244, 184



Deuteranomaly

205, 242, 205



Tritanomaly

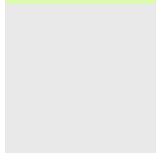
226, 244, 241

Monochromacy



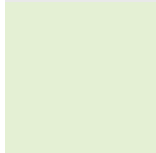
Original Color

174, 251, 205



Achromatopsia

233, 233, 233



Achromatomaly

212, 240, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 251, 205 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(220, 251, 174)` looks like.

```
.text, #text, p{  
    color:rgb(220, 251, 174)  
}
```

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(220, 251, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 251, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 251, 205 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(220, 251, 174) }
```

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

```
.border{ border-color:rgb(220, 251, 174) }
```

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

Here you see how a box with a 4 pixel rgb(220, 251, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 251, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 251, 174);  
box-shadow:4px 4px 4px 4px rgb(220, 251,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 251, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 251, 174) }
```

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

```
.background{ background-color: rgb(220,  
251, 174) }
```

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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