

Converting Colors

`RYB(173, 250, 225)`

Have a look what the booklet for
RYB(173, 250, 225) contains.

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Color

R_YB(173, 250, 225)

Conversions

Conversions Part 1

Format	Color
Hex	C6FAAD
RGB	198, 250, 173
RGB Percent	78%, 98%, 68%
CMY	0.2235, 0.0196, 0.3216
CMYK	0.21, 0.00, 0.31, 0.02
HSL	101°, 89%, 83%
HSV	101°, 31%, 98%
XYZ	65.0171, 83.3941, 52.2051
YIQ	225.6740, -6.2750, -34.9710

Conversions

Conversions Part 2

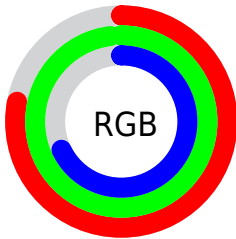
Format	Color
RYB	173, 250, 225
Decimal	13040301
CIELab	93.19, -30.08, 31.72
CIElCh	93, 43.711, 133.480
Yxy	83.3941, 0.3241, 0.4157
Android (android.graphics.Color)	4291230381 (0xFFC6FAAD)
YUV	225.6740, -25.9683, -24.2701
Hunter-Lab	91.3204, -32.7245, 30.0300

Details

The RYB color **173, 250, 225** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **225, 173, 250**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **229, 255, 229**, and **120, 193, 170** is the 20% darker color. If you saturate the color by 10%, you get **148, 250, 217**, and if you desaturate by 10%, it is **198, 250, 233**.

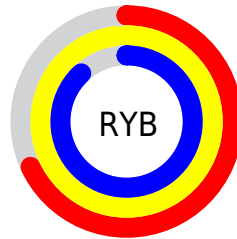
Distribution



Red (78%)

Green (98%)

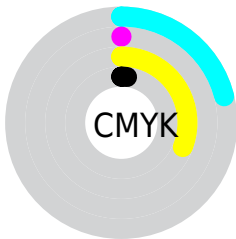
Blue (68%)



Red (68%)

Yellow (98%)

Blue (88%)

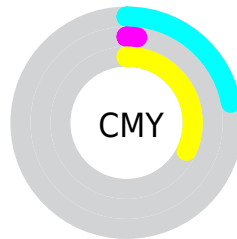


Cyan (21%)

Magenta (0%)

Yellow (31%)

Black (2%)



Cyan (22%)

Magenta (2%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 250, 225 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 173, 250, 225 by changing the saturation by 10% instead.


 173, 250, 225


255, 255, 255


 229, 255, 229

 173, 250, 225

 146, 221, 197

 120, 193, 170

 95, 166, 145


 70, 139, 119

 46, 114, 95

 23, 89, 72

 0, 65, 53

 0, 42, 42

 0, 19, 19

 173, 250, 225

 173, 250, 225

 148, 250, 217

 198, 250, 233

 123, 250, 209

 223, 250, 241

 98, 250, 201

 248, 250, 249

 73, 250, 193

 255, 250, 255

 48, 250, 184

 23, 250, 176

 0, 250, 169

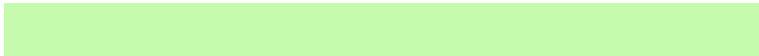
Harmonies

Analogous

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



159, 245, 153



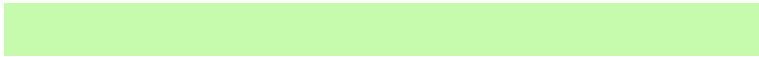
173, 250, 225



147, 215, 255

Triad

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



173, 250, 225



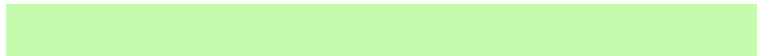
140, 195, 255



255, 204, 218

Complementary

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



173, 250, 225



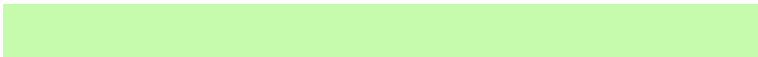
225, 173, 250

Split Complementary

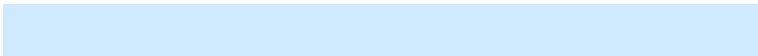
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 206, 255



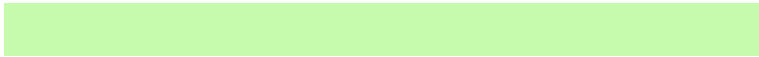
173, 250, 225



207, 224, 255

Square

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



173, 250, 225



87, 171, 255



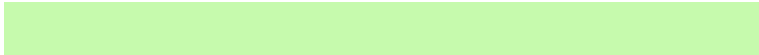
255, 218, 255



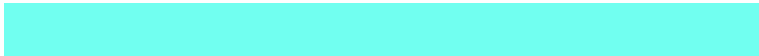
255, 234, 179

Rectangle

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



173, 250, 225



113, 188, 255



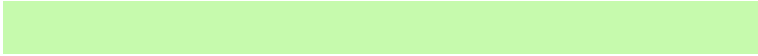
255, 218, 255



255, 203, 232

Sweetspot

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



173, 250, 225



232, 255, 247



212, 250, 173



113, 128, 123



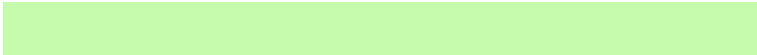
0, 0, 0



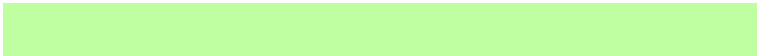
128, 128, 128

Same Dimension

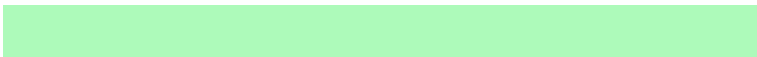
The Same Dimension uses a secret algorithm to generate beautiful new colors.



173, 250, 225



161, 255, 225



173, 239, 250



112, 125, 120



0, 189, 128



0, 61, 41

Inverse Universe

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



225, 173, 250



224, 161, 255



250, 173, 237



121, 112, 125



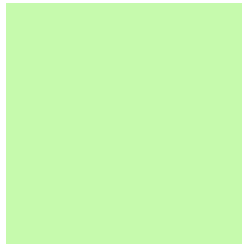
127, 0, 189



41, 0, 61

Previews

White Background



This preview shows how the RYB color 173, 250, 225 looks on a white background.

Color Contrast Check

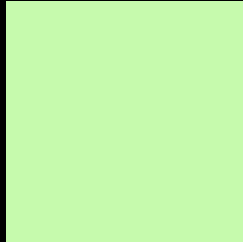
Large Text (above 18pt) WCAG AA × Fail

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 173, 250, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

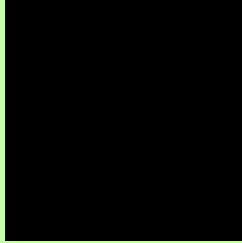
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

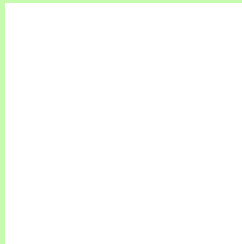
Any Text WCAG AAA ✓ Pass

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

RYB 173, 250, 225 Background



This preview shows how black text looks on a background with the RYB color 173, 250, 225.

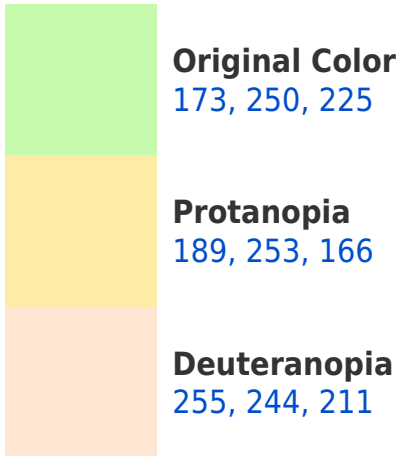


This preview shows how white text looks on a background with the RYB color 173, 250, 225.

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





Tritanopia

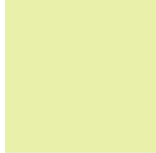
215, 230, 255

Trichromacy



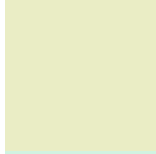
Original Color

173, 250, 225



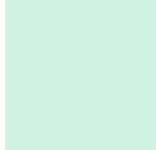
Protanomaly

169, 240, 176



Deuteranomaly

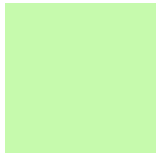
197, 237, 200



Tritanomaly

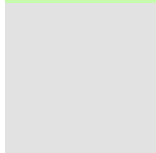
209, 232, 243

Monochromacy



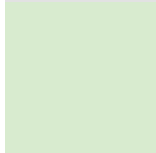
Original Color

173, 250, 225



Achromatopsia

226, 226, 226



Achromatomaly

207, 235, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 250, 225 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(198, 250, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 250, 173)  
}
```

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(198, 250, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 250, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 250, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

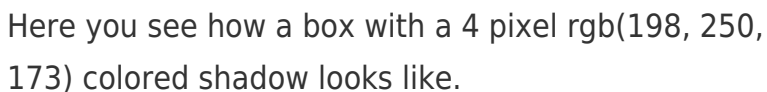
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 250, 173) }
```

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

```
.border{ border-color:rgb(198, 250, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 250, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 250, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 250, 173); box-shadow:4px 4px 4px 4px rgb(198, 250, 173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 250, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 250, 173) }
```

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

```
.background{ background-color: rgb(198,  
250, 173) }
```

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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