

Converting Colors

`RYB(179, 255, 220)`

Have a look what the booklet for
RYB(179, 255, 220) contains.

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Color

R_YB(179, 255, 220)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFB3
RGB	214, 255, 179
RGB Percent	84%, 100%, 70%
CMY	0.1608, 0.0000, 0.2980
CMYK	0.16, 0.00, 0.30, 0.00
HSL	92°, 100%, 85%
HSV	92°, 30%, 100%
XYZ	71.6282, 89.0708, 56.0650
YIQ	234.0770, -0.0400, -32.3280

Conversions

Conversions Part 2

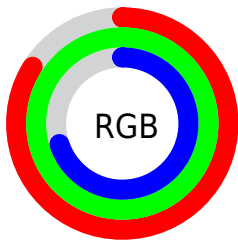
Format	Color
RYB	179, 255, 220
Decimal	14090163
CIELab	95.61, -26.07, 32.13
CIELCh	96, 41.375, 129.057
Yxy	89.0708, 0.3304, 0.4109
Android (android.graphics.Color)	4292280243 (0xFFD6FFB3)
YUV	234.0770, -27.1530, -17.6075
Hunter-Lab	94.3773, -29.6867, 30.8428

Details

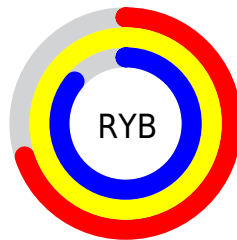
The RYB color **179, 255, 220** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **220, 179, 255**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **235, 255, 235**, and **126, 198, 166** is the 20% darker color. If you saturate the color by 10%, you get **153, 255, 208**, and if you desaturate by 10%, it is **204, 255, 231**.

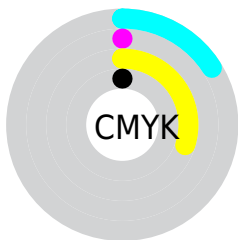
Distribution



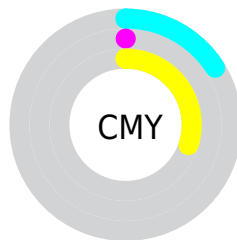
- Red (84%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 255, 220 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 179, 255, 220 by changing the saturation by 10% instead.

 179, 255, 220

255, 255, 255

 235, 255, 235


 179, 255, 220

 152, 226, 192

 126, 198, 166

 100, 171, 139

 75, 144, 113

 52, 118, 90

 28, 93, 66

 3, 70, 42

 0, 47, 41

 0, 28, 28

■ 179, 255, 220

■ 179, 255, 220

■ 153, 255, 208

■ 204, 255, 231

■ 128, 255, 197

■ 230, 255, 243

■ 102, 255, 184

255, 255, 255

■ 77, 255, 173

■ 51, 255, 161

■ 26, 255, 150

■ 0, 255, 137

■ 0, 255, 138

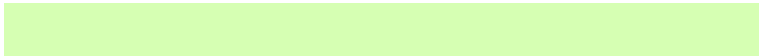
Harmonies

Analogous

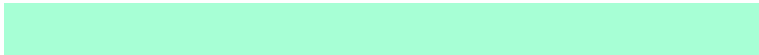
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175, 255, 163



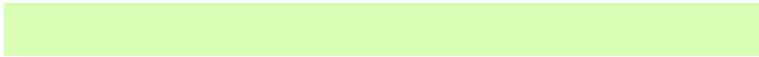
179, 255, 220



167, 225, 255

Triad

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



179, 255, 220



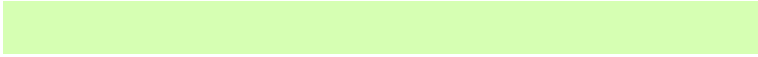
147, 201, 255



255, 212, 231

Complementary

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



179, 255, 220



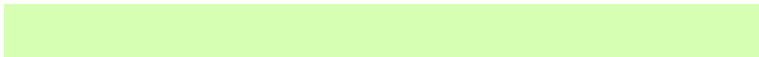
220, 179, 255

Split Complementary

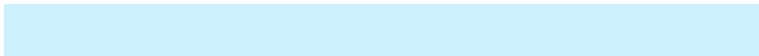
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 255



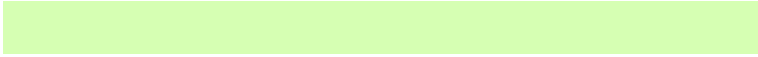
179, 255, 220



207, 227, 255

Square

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



179, 255, 220



109, 182, 255



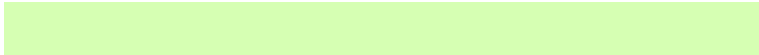
255, 228, 255



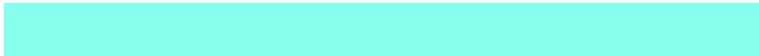
255, 234, 194

Rectangle

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



179, 255, 220



136, 200, 255



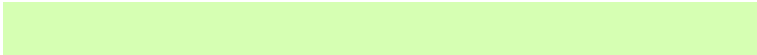
255, 228, 255



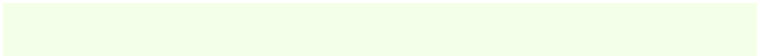
255, 212, 245

Sweetspot

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



179, 255, 220



232, 255, 244



244, 255, 179



113, 128, 121



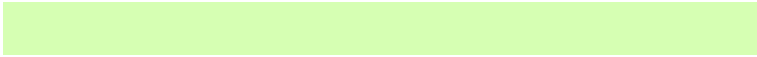
0, 0, 0



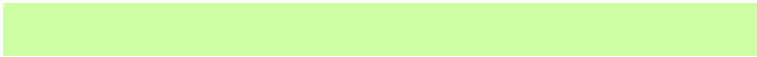
128, 128, 128

Same Dimension

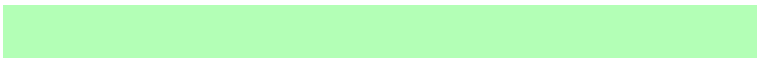
The Same Dimension uses a secret algorithm to generate beautiful new colors.



179, 255, 220



163, 255, 213



179, 252, 255



115, 128, 122



0, 191, 103



0, 64, 35

Inverse Universe

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



220, 179, 255



213, 163, 255



255, 179, 252



122, 115, 128



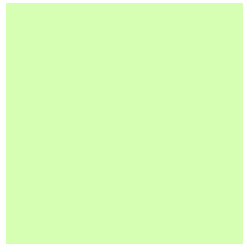
103, 0, 191



34, 0, 64

Previews

White Background



This preview shows how the RYB color 179, 255, 220 looks on a white background.

Color Contrast Check

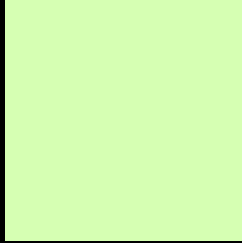
Large Text (above 18pt) WCAG AA × Fail

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 179, 255, 220 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

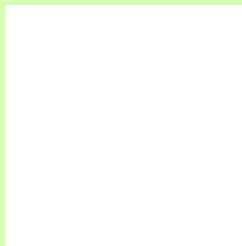
Any Text WCAG AAA ✓ Pass

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

RYB 179, 255, 220 Background



This preview shows how black text looks on a background with the RYB color 179, 255, 220.

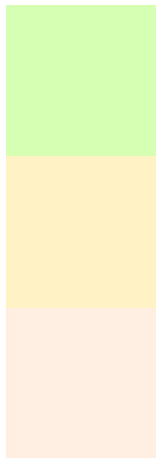


This preview shows how white text looks on a background with the RYB color 179, 255, 220.

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
179, 255, 220

Protanopia
214, 255, 197

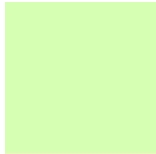
Deuteranopia
255, 248, 227



Tritanopia

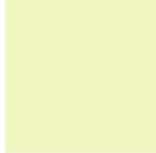
233, 240, 255

Trichromacy



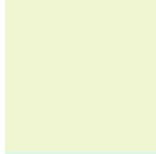
Original Color

179, 255, 220



Protanomaly

190, 247, 197



Deuteranomaly

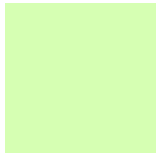
210, 245, 215



Tritanomaly

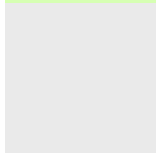
226, 246, 247

Monochromacy



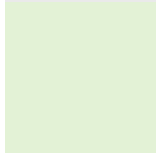
Original Color

179, 255, 220



Achromatopsia

234, 234, 234



Achromatomaly

214, 242, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 255, 220 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(179, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 220)  
}
```

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(214, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 179) }
```

Border

The CSS property to change the border of an element to RYB 179, 255, 220 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(214, 255, 179) }
```

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

```
.border{ border-color:rgb(214, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 179, 255, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 179) }
```

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

```
.background{ background-color: rgb(214,  
255, 179) }
```

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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