

Converting Colors

`RYB(222, 254, 255)`

Have a look what the booklet for
RYB(222, 254, 255) contains.

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Color

R_YB(222, 254, 255)

Conversions

Conversions Part 1

Format	Color
Hex	DEFFDF
RGB	222, 255, 223
RGB Percent	87%, 100%, 87%
CMY	0.1294, 0.0000, 0.1254
CMYK	0.13, 0.00, 0.13, 0.00
HSL	122°, 100%, 94%
HSV	122°, 13%, 100%
XYZ	79.2077, 92.3790, 83.4904
YIQ	241.4850, -9.3960, -16.9480

Conversions

Conversions Part 2

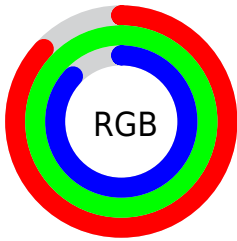
Format	Color
R_{YB}	222, 254, 255
Decimal	14614495
CIE _{Lab}	96.98, -16.44, 11.73
CIE _{LCh}	97, 20.193, 144.499
Yxy	92.3790, 0.3105, 0.3622
Android (android.graphics.Color)	4292804575 (0xFFDEFFDF)
YUV	241.4850, -9.1131, -17.0883
Hunter-Lab	96.1140, -21.0973, 15.7769

Details

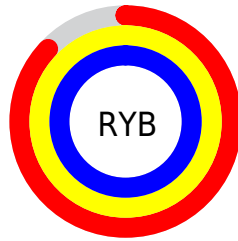
The RYB color **222, 254, 255** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 222, 254**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **167, 197, 198** is the 20% darker color. If you saturate the color by 10%, you get **197, 254, 255**, and if you desaturate by 10%, it is **248, 255, 255**.

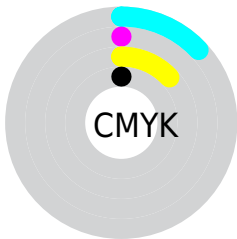
Distribution



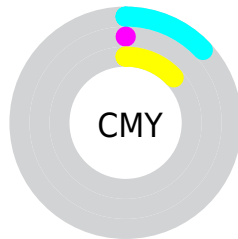
- Red (87%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 254, 255 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 222, 254, 255 by changing the saturation by 10% instead.

222, 254, 255

255, 255, 255

222, 254, 255

194, 225, 226

167, 197, 198

140, 170, 171

114, 142, 144

89, 117, 119

66, 92, 94

43, 68, 70

21, 44, 47

0, 27, 27

■ 222, 254, 255

■ 222, 254, 255

■ 197, 254, 255

■ 248, 255, 255

■ 171, 252, 255

255, 255, 255

■ 146, 252, 255

■ 120, 251, 255

■ 95, 250, 255

■ 69, 249, 255

■ 44, 249, 255

■ 18, 248, 255

■ 0, 247, 255

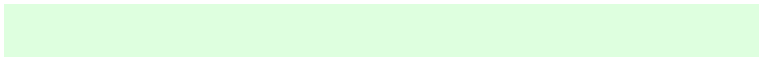
Harmonies

Analogous

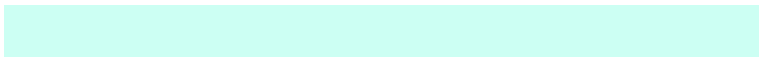
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210, 250, 216



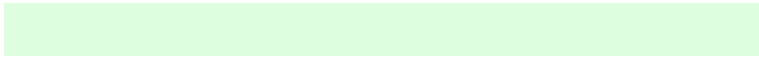
222, 254, 255



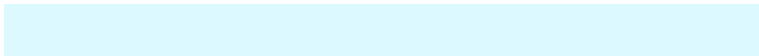
204, 233, 255

Triad

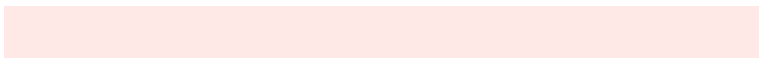
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 254, 255



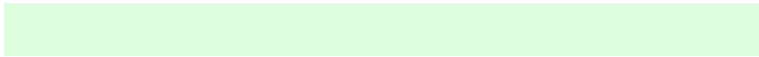
220, 236, 255



255, 233, 231

Complementary

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



222, 254, 255



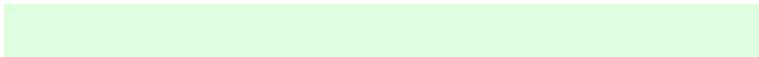
255, 222, 254

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, 233, 251



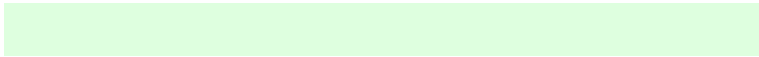
222, 254, 255



246, 243, 255

Square

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



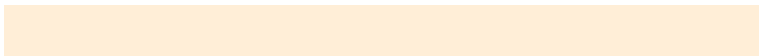
222, 254, 255



201, 228, 255



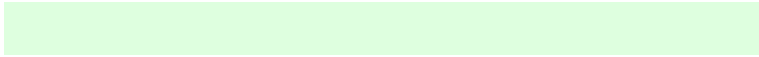
255, 236, 255



245, 255, 215

Rectangle

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



222, 254, 255



196, 226, 255



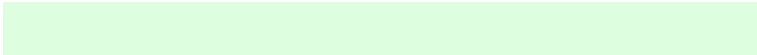
255, 236, 255



255, 233, 237

Sweetspot

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



222, 254, 255



245, 255, 255



222, 255, 223



121, 128, 128



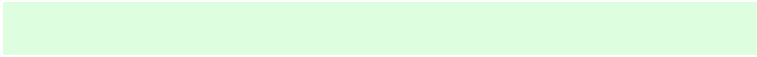
0, 0, 0



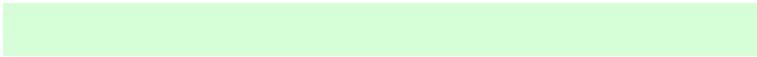
128, 128, 128

Same Dimension

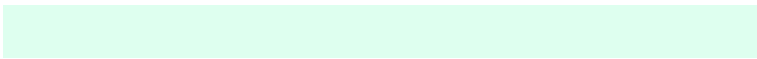
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222, 254, 255



214, 254, 255



222, 244, 255



115, 128, 128



0, 185, 191



0, 62, 64

Inverse Universe

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



255, 222, 254



255, 214, 254



255, 222, 238



128, 115, 127



191, 0, 185



64, 0, 62

Previews

White Background



This preview shows how the RYB color 222, 254, 255 looks on a white background.

Color Contrast Check

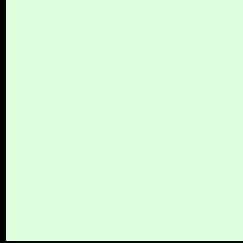
Large Text (above 18pt) WCAG AA × Fail

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 222, 254, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

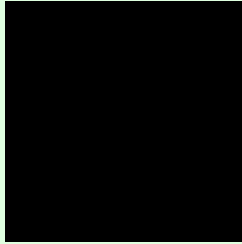
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

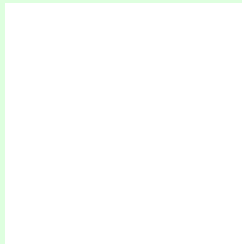
Any Text WCAG AAA ✓ Pass

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

RYB 222, 254, 255 Background



This preview shows how black text looks on a background with the RYB color 222, 254, 255.

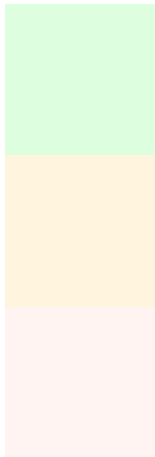


This preview shows how white text looks on a background with the RYB color 222, 254, 255.

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
222, 254, 255

Protanopia
238, 255, 223

Deuteranopia
255, 245, 241



Tritanopia

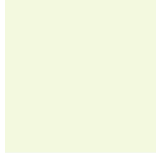
240, 245, 255

Trichromacy



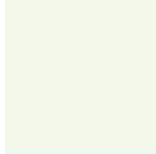
Original Color

222, 254, 255



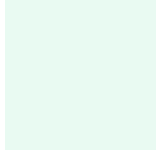
Protanomaly

223, 249, 229



Deuteranomaly

234, 248, 239



Tritanomaly

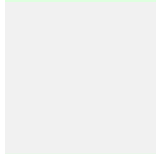
233, 244, 250

Monochromacy



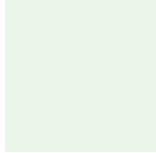
Original Color

222, 254, 255



Achromatopsia

241, 241, 241



Achromatomaly

234, 246, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 254, 255 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(222, 255, 223)` looks like.

```
.text, #text, p{  
  color:rgb(222, 255, 223)  
}
```

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(222, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 223) }
```

Border

The CSS property to change the border of an element to RYB 222, 254, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

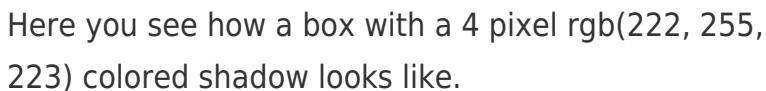
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 255, 223) }
```

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

```
.border{ border-color:rgb(222, 255, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(222, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 255, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 255, 223); box-shadow:4px 4px 4px 4px rgb(222, 255, 223) }
```

Background

The CSS property to change the background color of an element to RYB 222, 254, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 223) }
```

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

```
.background{ background-color: rgb(222,  
255, 223) }
```

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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