Converting Colors

RGB(222, 255, 221)

Have a look what the booklet for RGB(222, 255, 221) contains.

Color

RGB(222, 255, 221)

Conversions

Conversions Part 1

Format	Color
Hex	DEFFDD
RGB	222, 255, 221
RGB Percent	87%, 100%, 87%
CMY	0.1294, 0.0000, 0.1333
CMYK	0.13, 0.00, 0.13, 0.00
HSL	118°, 100%, 93%
HSV	118°, 13%, 100%
XYZ	78.9353, 92.2701, 82.0562
YIQ	241.2570, -8.7540, -17.5700

Conversions

Conversions Part 2

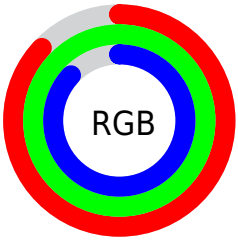
Format	Color
RYB	221, 255, 254
Decimal	14614493
CIELab	96.93, -16.79, 12.70
CIELCh	97, 21.053, 142.884
Yxy	92.2701, 0.3117, 0.3643
Android (android.graphics.Color)	4292804573 (0xFFDEFFDD)
YUV	241.2570, -9.9867, -16.8884
Hunter-Lab	96.0573, -21.4174, 16.5921

Details

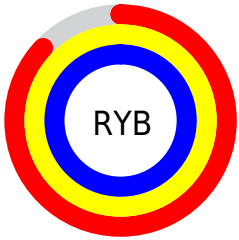
The RGB color 222, 255, 221 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 254, 221, 255, and the grayscale version is 241, 241, 241.

A 20% lighter version of the original color is 255, 255, 255, and 167, 198, 166 is the 20% darker color. If you saturate the color by 10%, you get 197, 255, 196, and if you desaturate by 10%, it is 247, 255, 247.

Distribution

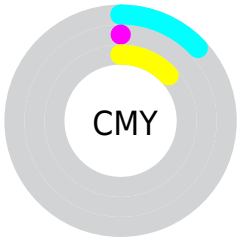


- Red (87%)
- Green (100%)
- Blue (87%)



- 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 RGB color 222, 255, 221 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 RGB color 222, 255, 221 by changing the saturation by 10% instead.

222, 255, 221

255, 255, 255

222, 255, 221

194, 226, 193

167, 198, 166

140, 171, 140

114, 144, 114

89, 119, 89

66, 94, 66

43, 70, 44

21, 47, 23

0, 28, 0

222, 255, 221

197, 255, 196

173, 255, 170

148, 255, 145

123, 255, 119

98, 255, 94

73, 255, 68

49, 255, 43

24, 255, 17

7, 255, 0

222, 255, 221

247, 255, 247

255, 255, 255

Harmonies

Analogous

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

245, 250, 208

222, 255, 221

202, 255, 240

Triad

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

222, 255, 221

218, 249, 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, 255, 221

254, 221, 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, 232, 252

222, 255, 221

244, 243, 255

Square

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

222, 255, 221

198, 255, 255

255, 236, 255

255, 237, 214

Rectangle

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

222, 255, 221

194, 255, 254

255, 236, 255

255, 232, 238

Sweetspot

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

222, 255, 221

245, 255, 245

255, 254, 221

121, 128, 121

0, 0, 0

128, 128, 128

Same Dimension

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

222, 255, 221

215, 255, 214

221, 255, 237

115, 128, 115

6, 191, 0

2, 64, 0

Inverse Universe

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

254, 221, 255

254, 214, 255

255, 221, 239

127, 115, 128

186, 0, 191

62, 0, 64

Previews

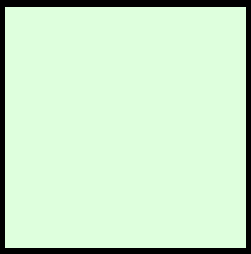
White Background

This preview shows how the RGB color 222, 255, 221 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



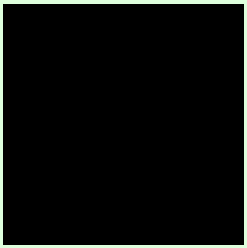
This preview shows how the RGB color 222, 255, 221 looks on a black background.

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.

RGB 222, 255, 221 Background



This preview shows how black text looks on a background with the RGB color 222, 255, 221.

This preview shows how white text looks on a background with the RGB color 222, 255, 221.

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, 255, 221

Protanopia
255, 245, 222

Deuteranopia
255, 243, 240

Tritanopia
239, 247, 255

Trichromacy

Original Color
222, 255, 221

Protanomaly
243, 249, 222

Deuteranomaly
243, 247, 233

Tritanomaly
233, 250, 243

Monochromacy

Original Color
222, 255, 221

Achromatopsia
241, 241, 241

Achromatomaly
234, 246, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 255, 221 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, 221) looks like.

```
.text, #text, p{
    color:rgb(222, 255, 221)
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 221) }
```

Border

The CSS property to change the border of an element to RGB 222, 255, 221 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, 221) }
```

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

```
.border{ border-color:rgb(222, 255, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 255, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 255, 221); box-shadow:4px 4px 4px 4px rgb(222, 255, 221) }
```

Background

The CSS property to change the background color of an element to RGB 222, 255, 221 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, 221) }
```

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

```
.background{ background-color:rgb(222,
255, 221) }
```

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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