Converting Colors

RGB(172, 252, 161)

Have a look what the booklet for RGB(172, 252, 161) contains.

RGB(172, 252, 161) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RGB(172, 252, 161)

Conversions

Conversions Part 1

Format	Color
Hex	ACFCA1
RGB	172, 252, 161
RGB Percent	67%, 99%, 63%
CMY	0.3255, 0.0118, 0.3686
CMYK	0.32, 0.00, 0.36, 0.01
HSL	113°, 94%, 81%
HSV	113°, 36%, 99%
XYZ	58.2567, 80.9647, 46.2755
YIQ	217.7060, -18.4690, -45.2610

Conversions

Conversions Part 2

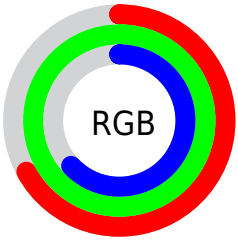
Format	Color
RYB	161, 252, 241
Decimal	11336865
CIELab	92.12, -41.29, 36.04
CIELCh	92, 54.808, 138.889
Yxy	80.9647, 0.3141, 0.4365
Android (android.graphics.Color)	4289526945 (0xFFACFCA1)
YUV	217.7060, -27.9561, -40.0842
Hunter-Lab	89.9804, -41.8980, 32.4943

Details

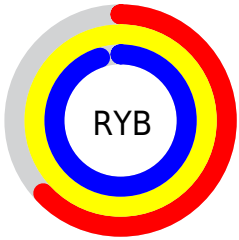
The RGB color 172, 252, 161 is a light color, and the websafe version is hex 99FF99. A complement of this color would be 241, 161, 252, and the grayscale version is 218, 218, 218.

A 20% lighter version of the original color is 229, 255, 217, and 117, 195, 108 is the 20% darker color. If you saturate the color by 10%, you get 150, 252, 136, and if you desaturate by 10%, it is 194, 252, 186.

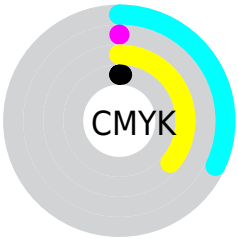
Distribution



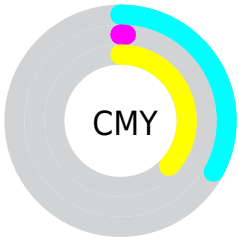
- Red (67%)
- Green (99%)
- Blue (63%)



- Red (63%)
- Yellow (99%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (36%)
- Black (1%)



- Cyan (33%)
- Magenta (1%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 252, 161 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 172, 252, 161 by changing the saturation by 10% instead.

172, 252, 161	172, 252, 161
255, 255, 255	144, 223, 134
229, 255, 217	117, 195, 108
255, 255, 245	89, 167, 83
	62, 141, 59
	32, 115, 34
	0, 89, 7
	0, 65, 0
	0, 43, 0
	0, 14, 0

172, 252, 161	172, 252, 161
150, 252, 136	194, 252, 186
128, 252, 111	216, 252, 211
106, 252, 85	238, 252, 237
83, 252, 60	255, 252, 255
61, 252, 35	
39, 252, 10	
30, 252, 0	

Harmonies

Analogous

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

232, 240, 130

172, 252, 161

94, 255, 210

Triad

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

172, 252, 161

106, 244, 255

255, 191, 201

Complementary

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

172, 252, 161

241, 161, 252

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, 192, 254

172, 252, 161

207, 226, 255

Square

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

172, 252, 161

0, 255, 255

255, 206, 255

255, 204, 155

Rectangle

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

172, 252, 161

0, 255, 247

255, 206, 255

255, 190, 219

Sweetspot

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

172, 252, 161

230, 255, 227

252, 240, 161

113, 128, 111

0, 0, 0

128, 128, 128

Same Dimension

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

172, 252, 161

159, 255, 145

161, 252, 194

114, 125, 112

23, 189, 0

7, 61, 0

Inverse Universe

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

241, 161, 252

242, 145, 255

252, 161, 219

123, 112, 125

166, 0, 189

54, 0, 61

Previews

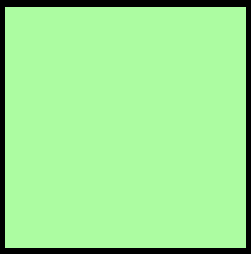
White Background

This preview shows how the RGB color 172, 252, 161 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



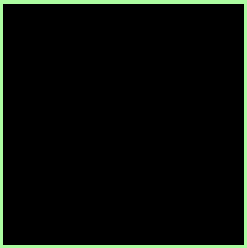
This preview shows how the RGB color 172, 252, 161 looks on a black background.

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 172, 252, 161 Background



This preview shows how black text looks on a background with the RGB color 172, 252, 161.

This preview shows how white text looks on a background with the RGB color 172, 252, 161.

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
172, 252, 161

Protanopia
251, 231, 153

Deuteranopia
255, 226, 201

Tritanopia
197, 239, 255

Trichromacy

Original Color
172, 252, 161

Protanomaly
222, 239, 156

Deuteranomaly
225, 235, 186

Tritanomaly
188, 244, 221

Monochromacy

Original Color
172, 252, 161

Achromatopsia
218, 218, 218

Achromatomaly
201, 230, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 252, 161 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(172, 252, 161) looks like.

```
.text, #text, p{
    color:rgb(172, 252, 161)
}
```

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(172, 252, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 252, 161) }
```

Border

The CSS property to change the border of an element to RGB 172, 252, 161 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(172, 252, 161) }
```

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

```
.border{ border-color:rgb(172, 252, 161) }
```

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

Here you see how a box with a 4 pixel rgb(172, 252, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 252, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 252, 161); box-shadow:4px 4px 4px 4px rgb(172, 252, 161) }
```

Background

The CSS property to change the background color of an element to RGB 172, 252, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(172, 252, 161) }
```

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

```
.background{ background-color:rgb(172,
252, 161) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor