Converting Colors

RYB(133, 255, 141)

Have a look what the booklet for RYB(133, 255, 141) contains.

Color

RYB(133, 255, 141)

Conversions

Conversions Part 1

Format	Color
Hex	F7FF85
RGB	247, 255, 133
RGB Percent	97%, 100%, 52%
CMY	0.0314, 0.0000, 0.4784
CMYK	0.03, 0.00, 0.48, 0.00
HSL	64°, 100%, 76%
HSV	64°, 48%, 100%
XYZ	78.3514, 92.9876, 36.0091
YIQ	238.7000, 34.3940, -39.6380

Conversions

Conversions Part 2

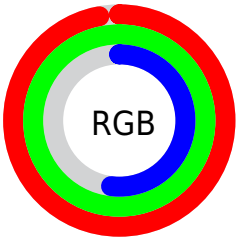
Format	Color
RYB	133, 255, 141
Decimal	16252805
CIELab	97.22, -19.21, 56.90
CIELCh	97, 60.058, 108.653
Yxy	92.9876, 0.3779, 0.4485
Android (android.graphics.Color)	4294442885 (0xFFF7FF85)
YUV	238.7000, -52.1101, 7.2791
Hunter-Lab	96.4301, -23.7178, 45.3608

Details

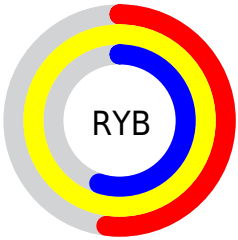
The RYB color 133, 255, 141 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 141, 133, 255, and the grayscale version is 239, 239, 239.

A 20% lighter version of the original color is 188, 255, 188, and 79, 198, 88 is the 20% darker color. If you saturate the color by 10%, you get 108, 255, 118, and if you desaturate by 10%, it is 159, 255, 165.

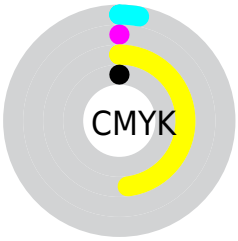
Distribution



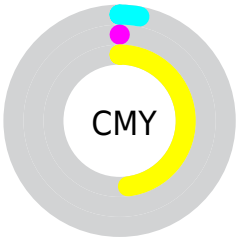
- Red (97%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 255, 141 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 133, 255, 141 by changing the saturation by 10% instead.

133, 255, 141

255, 255, 255

188, 255, 188

217, 255, 217

246, 255, 246

133, 255, 141

106, 226, 114

79, 198, 88

52, 171, 63

21, 145, 34

0, 119, 14

0, 94, 15

0, 71, 18

0, 48, 21

0, 29, 29

133, 255, 141

108, 255, 118

82, 255, 93

57, 255, 70

31, 255, 46

6, 255, 22

0, 255, 17

133, 255, 141

159, 255, 165

184, 255, 189

210, 255, 213

235, 255, 236

255, 255, 255

Harmonies

Analogous

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

153, 255, 131

133, 255, 141

167, 255, 242

Triad

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

133, 255, 141

0, 128, 255

255, 202, 255

Complementary

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

133, 255, 141

141, 133, 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, 218, 255

133, 255, 141

97, 176, 255

Square

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

133, 255, 141

0, 128, 255

218, 232, 255

255, 201, 213

Rectangle

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

133, 255, 141

125, 207, 255

218, 232, 255

255, 206, 255

Sweetspot

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

133, 255, 141

219, 255, 221

255, 139, 133

106, 128, 108

0, 0, 0

128, 128, 128

Same Dimension

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

133, 255, 141

110, 255, 120

133, 255, 200

115, 128, 116

0, 191, 12

0, 64, 4

Inverse Universe

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

141, 133, 255

119, 110, 255

200, 133, 255

116, 115, 128

13, 0, 191

4, 0, 64

Previews

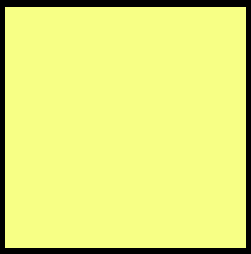
White Background

This preview shows how the RYB color 133, 255, 141 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



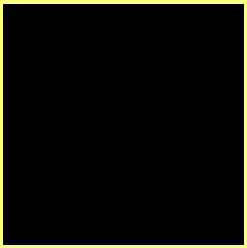
This preview shows how the RYB color 133, 255, 141 looks on a black background.

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 133, 255, 141 Background



This preview shows how black text looks on a background with the RYB color 133, 255, 141.

This preview shows how white text looks on a background with the RYB color 133, 255, 141.

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
133, 255, 141

Protanopia
228, 255, 218

Deuteranopia
255, 253, 236

Tritanopia
255, 243, 254

Trichromacy

Original Color
133, 255, 141

Protanomaly
189, 252, 187

Deuteranomaly
202, 252, 199

Tritanomaly
216, 252, 210

Monochromacy

Original Color
133, 255, 141

Achromatopsia
239, 239, 239

Achromatomaly
200, 245, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 255, 141 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(247, 255, 133) looks like.

```
.text, #text, p{
    color:rgb(247, 255, 133)
}
```

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(247, 255, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 133) }
```

Border

The CSS property to change the border of an element to RYB 133, 255, 141 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(247, 255, 133) }
```

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

```
.border{ border-color:rgb(247, 255, 133) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 255, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 255, 133); box-shadow:4px 4px 4px 4px rgb(247, 255, 133) }
```

Background

The CSS property to change the background color of an element to RYB 133, 255, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(247, 255, 133) }
```

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

```
.background{ background-color:rgb(247,
255, 133) }
```

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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