

Converting Colors

`RYB(177, 255, 155)`

Have a look what the booklet for
RYB(177, 255, 155) contains.

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Color

R_YB(177, 255, 155)

Conversions

Conversions Part 1

Format	Color
Hex	FFED9B
RGB	255, 237, 155
RGB Percent	100%, 93%, 61%
CMY	0.0000, 0.0707, 0.3922
CMYK	0.00, 0.07, 0.39, 0.00
HSL	49°, 100%, 80%
HSV	49°, 39%, 100%
XYZ	77.4311, 84.1759, 43.1769
YIQ	233.0340, 37.0500, -21.6860

Conversions

Conversions Part 2

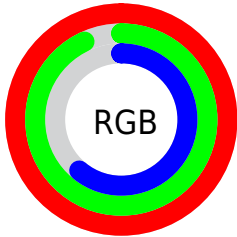
Format	Color
RYB	177, 255, 155
Decimal	16772507
CIELab	93.53, -5.12, 41.90
CIELCh	94, 42.216, 96.968
Yxy	84.1759, 0.3781, 0.4110
Android (android.graphics.Color)	4294962587 (0xFFFFED9B)
YUV	233.0340, -38.4708, 19.2642
Hunter-Lab	91.7475, -9.9114, 36.3210

Details

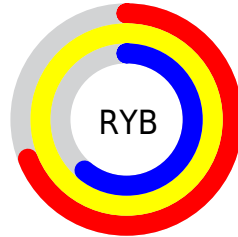
The RYB color **177, 255, 155** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **155, 170, 255**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **210, 255, 210**, and **121, 197, 102** is the 20% darker color. If you saturate the color by 10%, you get **158, 255, 130**, and if you desaturate by 10%, it is **196, 255, 180**.

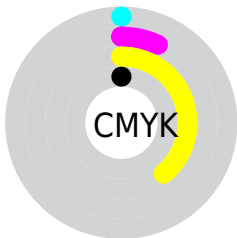
Distribution



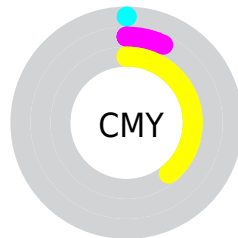
- Red (100%)
- Green (93%)
- Blue (61%)



- Red (69%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 255, 155 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 177, 255, 155 by changing the saturation by 10% instead.

 177, 255, 155


255, 255, 255


 210, 255, 210


 239, 255, 239

 177, 255, 155

 149, 226, 128

 121, 197, 102

 94, 169, 77

 67, 141, 53

 39, 114, 28

 9, 88, 0

 7, 63, 0

 2, 38, 0

 0, 15, 9

■ 177, 255, 155

■ 177, 255, 155

■ 158, 255, 130

■ 196, 255, 180

■ 137, 255, 104

■ 217, 255, 206

■ 118, 255, 79

■ 237, 255, 232

■ 97, 255, 53

255, 255, 255

■ 77, 255, 27

■ 58, 255, 2

■ 56, 255, 0

Harmonies

Analogous

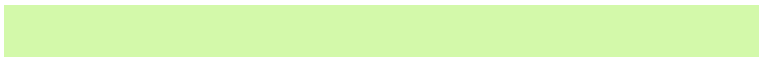
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211, 255, 162



177, 255, 155



170, 249, 208

Triad

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



177, 255, 155



95, 175, 255



255, 210, 255

Complementary

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



177, 255, 155



155, 170, 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.



254, 222, 255



177, 255, 155



133, 192, 255

Square

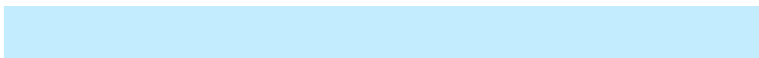
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



177, 255, 155



115, 188, 255



196, 220, 255



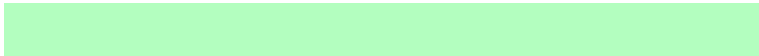
255, 205, 228

Rectangle

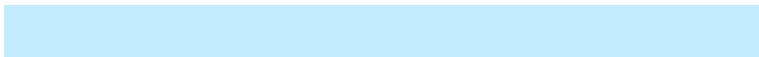
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177, 255, 155



179, 244, 254



196, 220, 255



255, 214, 255

Sweetspot

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



177, 255, 155



231, 255, 224



255, 155, 173



115, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

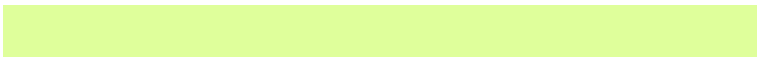
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 255, 155



162, 255, 135



155, 255, 187



119, 128, 115



41, 191, 0



15, 64, 0

Inverse Universe

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



155, 170, 255



135, 154, 255



187, 155, 255



115, 117, 128



0, 29, 191



0, 9, 64

Previews

White Background



This preview shows how the RYB color 177, 255, 155 looks on a white background.

Color Contrast Check

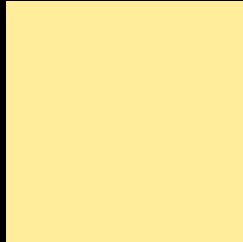
Large Text (above 18pt) WCAG AA × Fail

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 177, 255, 155 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 177, 255, 155 Background



This preview shows how black text looks on a background with the RYB color 177, 255, 155.



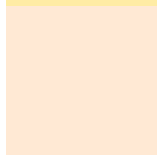


This preview shows how white text looks on a background with the RYB color 177, 255, 155.

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

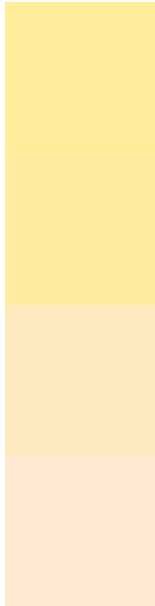
	Original Color 177, 255, 155
	Protanopia 188, 255, 164
	Deuteranopia 255, 253, 212



Tritanopia

255, 230, 241

Trichromacy



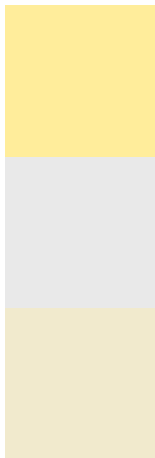
Original Color
177, 255, 155

Protanomaly
185, 255, 161

Deuteranomaly
222, 255, 191

Tritanomaly
253, 255, 210

Monochromacy



Original Color
177, 255, 155

Achromatopsia
233, 233, 233

Achromatomaly
214, 241, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 255, 155 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(255, 237, 155) looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 155)  
}
```

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(255, 237, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 155) }
```

Border

The CSS property to change the border of an element to RYB 177, 255, 155 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(255, 237, 155) }
```

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

```
.border{ border-color:rgb(255, 237, 155) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 177, 255, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 155) }
```

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

```
.background{ background-color: rgb(255,  
237, 155) }
```

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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