

Converting Colors

RGB(165, 242, 155)

Have a look what the booklet for
RGB(165, 242, 155) contains.

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Color

RGB(165, 242, 155)

Conversions

Conversions Part 1

Format	Color
Hex	A5F29B
RGB	165, 242, 155
RGB Percent	65%, 95%, 61%
CMY	0.3529, 0.0510, 0.3922
CMYK	0.32, 0.00, 0.36, 0.05
HSL	113°, 77%, 78%
HSV	113°, 36%, 95%
XYZ	53.1856, 73.8702, 42.4655
YIQ	209.0590, -17.9650, -43.3810

Conversions

Conversions Part 2

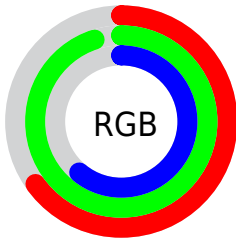
Format	Color
RYB	155, 242, 232
Decimal	10875547
CIELab	88.86, -39.96, 34.67
CIELCh	89, 52.907, 139.057
Yxy	73.8702, 0.3137, 0.4358
Android (android.graphics.Color)	4289065627 (0xFFA5F29B)
YUV	209.0590, -26.6511, -38.6397
Hunter-Lab	85.9477, -39.9505, 30.8691

Details

The RGB color **165, 242, 155** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **232, 155, 242**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **222, 255, 210**, and **110, 185, 103** is the 20% darker color. If you saturate the color by 10%, you get **144, 242, 131**, and if you desaturate by 10%, it is **186, 242, 179**.

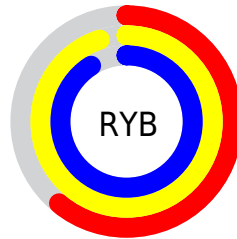
Distribution



Red (65%)

Green (95%)

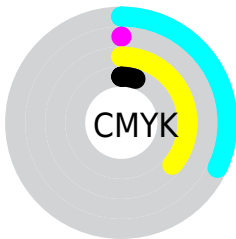
Blue (61%)



Red (61%)

Yellow (95%)

Blue (91%)

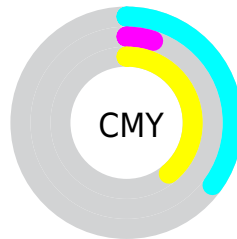


Cyan (32%)

Magenta (0%)

Yellow (36%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 242, 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 RGB color 165, 242, 155 by changing the saturation by 10% instead.


 165, 242, 155

 165, 242, 155

255, 255, 255

 137, 213, 128

 222, 255, 210

 110, 185, 103

 251, 255, 239

 83, 158, 78

 56, 132, 54

 25, 106, 29

 0, 81, 3

 0, 57, 0

 0, 37, 0

 0, 0, 0

 165, 242, 155


 165, 242, 155

 144, 242, 131

 186, 242, 179

 122, 242, 107

 208, 242, 203

 101, 242, 82

 229, 242, 228

 79, 242, 58

 251, 242, 252

 58, 242, 34

 255, 242, 255

 36, 242, 10

 28, 242, 0

Harmonies

Analogous

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



223, 230, 125



165, 242, 155



91, 248, 202

Triad

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



165, 242, 155



103, 234, 255



255, 184, 193

Complementary

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



165, 242, 155



232, 155, 242

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, 184, 244



165, 242, 155



200, 217, 255

Square

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



165, 242, 155



0, 245, 255



255, 198, 255



255, 196, 149

Rectangle

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



165, 242, 155



0, 250, 237



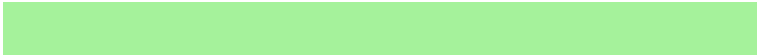
255, 198, 255



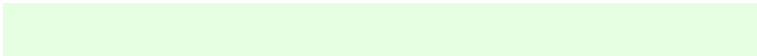
255, 182, 210

Sweetspot

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



165, 242, 155



230, 255, 227



242, 232, 155



113, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



165, 242, 155



158, 255, 145



155, 242, 188



109, 120, 108



21, 184, 0



6, 56, 0

Inverse Universe

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



232, 155, 242



242, 145, 255



242, 155, 209



118, 108, 120



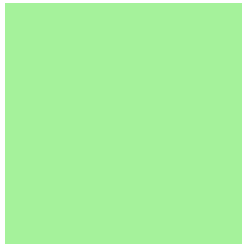
162, 0, 184



50, 0, 56

Previews

White Background



This preview shows how the RGB color 165, 242, 155 looks on a white background.

Color Contrast Check

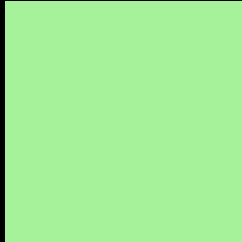
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 165, 242, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

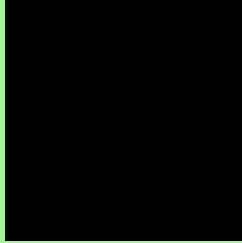
Any Text WCAG AA ✓ Pass

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](#).

RGB 165, 242, 155 Background



This preview shows how black text looks on a background with the RGB color 165, 242, 155.

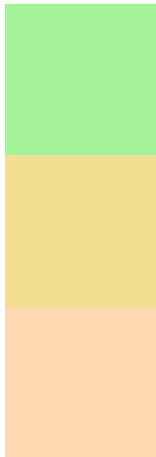


This preview shows how white text looks on a background with the RGB color 165, 242, 155.

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
165, 242, 155

Protanopia
241, 222, 147

Deuteranopia
255, 215, 177



Tritanopia
182, 230, 249

Trichromacy



Original Color

165, 242, 155



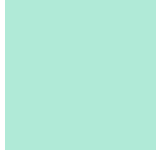
Protanomaly

213, 229, 150



Deuteranomaly

222, 225, 169



Tritanomaly

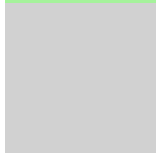
176, 234, 215

Monochromacy



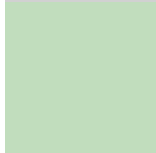
Original Color

165, 242, 155



Achromatopsia

209, 209, 209



Achromatomaly

193, 221, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 242, 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(165, 242, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 242, 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(165, 242, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 242, 155) }
```

Border

The CSS property to change the border of an element to RGB 165, 242, 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(165, 242, 155) }
```

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

```
.border{ border-color:rgb(165, 242, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 242, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 242, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 242, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 242,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 165, 242, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 242, 155) }
```

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

```
.background{ background-color: rgb(165,  
242, 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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