

Converting Colors

`RYB(141, 222, 165)`

Have a look what the booklet for
RYB(141, 222, 165) contains.

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Color

R_YB(141, 222, 165)

Conversions

Conversions Part 1

Format	Color
Hex	C6DE8D
RGB	198, 222, 141
RGB Percent	78%, 87%, 55%
CMY	0.2235, 0.1294, 0.4471
CMYK	0.11, 0.00, 0.36, 0.13
HSL	78°, 55%, 71%
HSV	78°, 36%, 87%
XYZ	54.2177, 66.1714, 35.1141
YIQ	205.5900, 11.6970, -30.2790

Conversions

Conversions Part 2

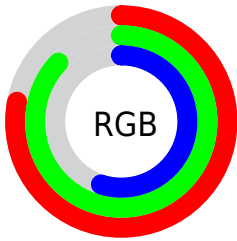
Format	Color
RYB	141, 222, 165
Decimal	13033101
CIELab	85.08, -21.03, 37.13
CIELCh	85, 42.674, 119.532
Yxy	66.1714, 0.3487, 0.4255
Android (android.graphics.Color)	4291223181 (0xFFC6DE8D)
YUV	205.5900, -31.8429, -6.6564
Hunter-Lab	81.3458, -23.3833, 31.3487

Details

The RYB color **141, 222, 165** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **165, 141, 222**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **195, 255, 195**, and **89, 167, 113** is the 20% darker color. If you saturate the color by 10%, you get **119, 222, 150**, and if you desaturate by 10%, it is **163, 222, 180**.

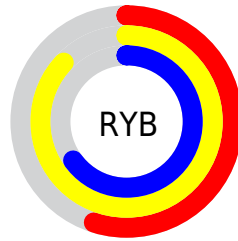
Distribution



Red (78%)

Green (87%)

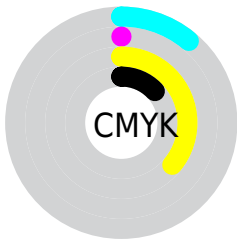
Blue (55%)



Red (55%)

Yellow (87%)

Blue (65%)

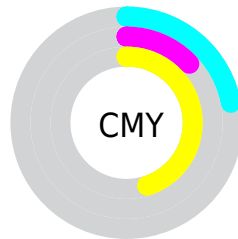


Cyan (11%)

Magenta (0%)

Yellow (36%)

Black (13%)



Cyan (22%)


Magenta (13%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 222, 165 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 141, 222, 165 by changing the saturation by 10% instead.

 141, 222, 165

255, 255, 255

 195, 255, 195

 224, 255, 224


253, 255, 253

 141, 222, 165

 115, 194, 139

 89, 167, 113

 65, 140, 88

 41, 115, 65

 15, 90, 39

 0, 67, 25

 0, 44, 26

 0, 26, 26

 0, 0, 0

 141, 222, 165

 141, 222, 165

 119, 222, 150

 163, 222, 180

 97, 222, 134

 185, 222, 196


 74, 222, 118

 208, 222, 212

 52, 222, 102

 224, 222, 230

 30, 222, 87

 231, 222, 252

 8, 222, 71

 237, 222, 255

 0, 222, 66

 244, 222, 255

 251, 222, 255

 255, 222, 255

Harmonies

Analogous

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



172, 240, 131



141, 222, 165



150, 214, 230

Triad

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



141, 222, 165



86, 163, 255



255, 181, 215

Complementary

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



141, 222, 165



165, 141, 222

Split Complementary

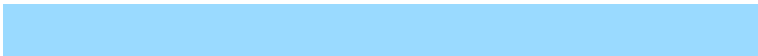
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 189, 254



141, 222, 165



154, 193, 255

Square

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



141, 222, 165



54, 148, 251



216, 202, 255



255, 186, 175

Rectangle

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



141, 222, 165



116, 185, 233



216, 202, 255



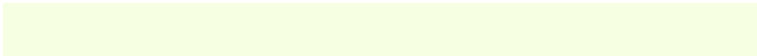
255, 183, 228

Sweetspot

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



141, 222, 165



227, 255, 235



222, 173, 141



111, 128, 116



0, 0, 0



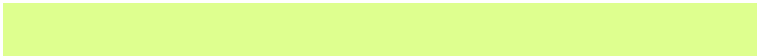
128, 128, 128

Same Dimension

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



141, 222, 165



143, 255, 176



141, 222, 204



101, 112, 104



0, 176, 52



0, 48, 14

Inverse Universe

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



165, 141, 222



176, 143, 255



204, 141, 222



104, 101, 112



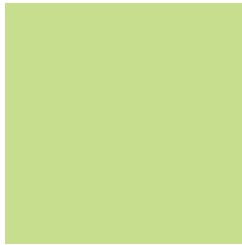
52, 0, 176



14, 0, 48

Previews

White Background



This preview shows how the RYB color 141, 222, 165 looks on a white background.

Color Contrast Check

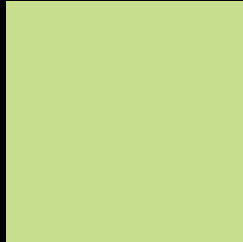
Large Text (above 18pt) WCAG AA × Fail

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 141, 222, 165 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

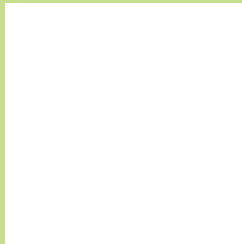
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 141, 222, 165 Background



This preview shows how black text looks on a background with the RYB color 141, 222, 165.

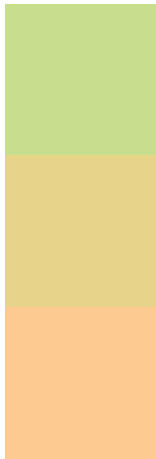


This preview shows how white text looks on a background with the RYB color 141, 222, 165.

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
141, 222, 165

Protanopia
161, 231, 137

Deuteranopia
238, 253, 145



Tritanopia
210, 211, 228

Trichromacy



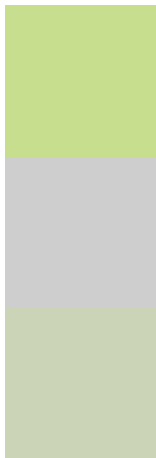
Original Color
141, 222, 165

Protanomaly
141, 219, 138

Deuteranomaly
175, 233, 144

Tritanomaly
196, 215, 205

Monochromacy



Original Color
141, 222, 165

Achromatopsia
206, 206, 206

Achromatomaly
182, 212, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 222, 165 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(198, 222, 141)` looks like.

```
.text, #text, p{  
    color:rgb(198, 222, 141)  
}
```

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(198, 222, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 222, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 222, 165 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(198, 222, 141) }
```

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

```
.border{ border-color:rgb(198, 222, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 222, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 222, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 222, 141);  
box-shadow:4px 4px 4px 4px rgb(198, 222,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 222, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 222, 141) }
```

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

```
.background{ background-color: rgb(198,  
222, 141) }
```

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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