

Converting Colors

`RYB(125, 220, 177)`

Have a look what the booklet for
RYB(125, 220, 177) contains.

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Color

R_YB(125, 220, 177)

Conversions

Conversions Part 1

Format	Color
Hex	A8DC7D
RGB	168, 220, 125
RGB Percent	66%, 86%, 49%
CMY	0.3412, 0.1373, 0.5098
CMYK	0.24, 0.00, 0.43, 0.14
HSL	93°, 58%, 68%
HSV	93°, 43%, 86%
XYZ	45.4433, 60.9919, 28.7795
YIQ	193.6220, -0.4970, -40.5690

Conversions

Conversions Part 2

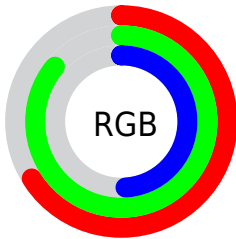
Format	Color
RYB	125, 220, 177
Decimal	11066493
CIELab	82.37, -33.05, 41.26
CIELCh	82, 52.866, 128.700
Yxy	60.9919, 0.3361, 0.4511
Android (android.graphics.Color)	4289256573 (0xFFA8DC7D)
YUV	193.6220, -33.8306, -22.4705
Hunter-Lab	78.0973, -32.8046, 32.8192

Details

The RYB color **125, 220, 177** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **177, 125, 220**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **179, 255, 209**, and **74, 165, 125** is the 20% darker color. If you saturate the color by 10%, you get **103, 220, 167**, and if you desaturate by 10%, it is **147, 220, 187**.

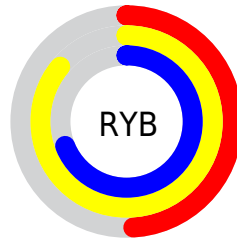
Distribution



Red (66%)

Green (86%)

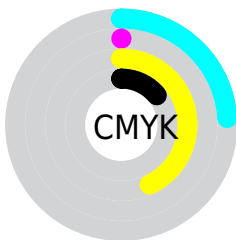
Blue (49%)



Red (49%)

Yellow (86%)

Blue (69%)

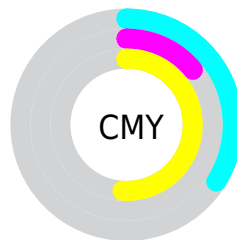


Cyan (24%)

Magenta (0%)

Yellow (43%)

Black (14%)



Cyan (34%)

Magenta (14%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 220, 177 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 125, 220, 177 by changing the saturation by 10% instead.

 125, 220, 177


255, 255, 255


 179, 255, 209


 207, 255, 208

 235, 255, 235

 125, 220, 177

 99, 192, 150

 74, 165, 125


 49, 138, 100

 23, 112, 74

 0, 88, 53

 0, 64, 59

 0, 41, 41

 0, 15, 15

 0, 0, 0

 125, 220, 177

 125, 220, 177

 103, 220, 167

 147, 220, 187

 81, 220, 157

 169, 220, 197

 59, 220, 147

 191, 220, 207

 37, 220, 137

 213, 220, 217

 15, 220, 127

 228, 220, 235

 0, 220, 120

 240, 220, 255

 252, 220, 255

 255, 220, 255

Harmonies

Analogous

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



121, 222, 104



125, 220, 177



100, 184, 228

Triad

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



125, 220, 177



0, 118, 255



255, 164, 192

Complementary

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



125, 220, 177



177, 125, 220

Split Complementary

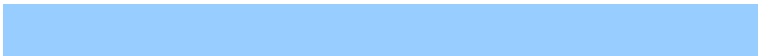
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 170, 242



125, 220, 177



151, 187, 255

Square

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



125, 220, 177



0, 120, 255



228, 186, 255



255, 183, 145

Rectangle

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



125, 220, 177



0, 123, 230



228, 186, 255



255, 164, 209

Sweetspot

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



125, 220, 177



222, 255, 240



207, 220, 125



107, 128, 119



0, 0, 0



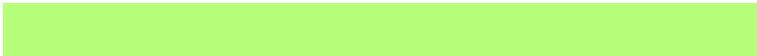
128, 128, 128

Same Dimension

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



125, 220, 177



122, 255, 195



125, 217, 220



99, 110, 105



0, 173, 95



0, 46, 25

Inverse Universe

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



177, 125, 220



195, 122, 255



220, 125, 217



105, 99, 110



95, 0, 173



25, 0, 46

Previews

White Background



This preview shows how the RYB color 125, 220, 177 looks on a white background.

Color Contrast Check

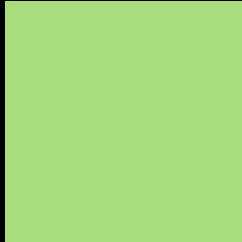
Large Text (above 18pt) WCAG AA × Fail

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 125, 220, 177 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 125, 220, 177 Background



This preview shows how black text looks on a background with the RYB color 125, 220, 177.

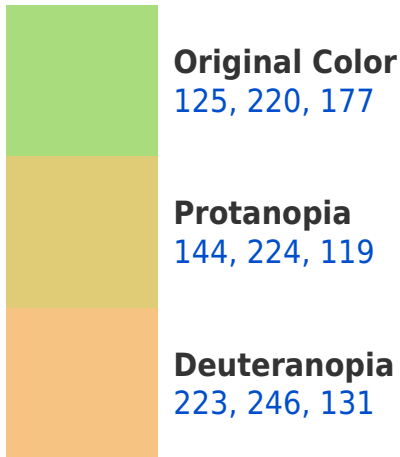


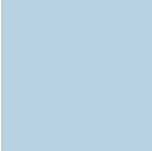
This preview shows how white text looks on a background with the RYB color 125, 220, 177.

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





Tritanopia
183, 199, 225

Trichromacy



Original Color

125, 220, 177



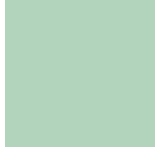
Protanomaly

121, 210, 127



Deuteranomaly

146, 218, 129



Tritanomaly

178, 204, 212

Monochromacy



Original Color

125, 220, 177



Achromatopsia

194, 194, 194



Achromatomaly

169, 203, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 220, 177 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(168, 220, 125)` looks like.

```
.text, #text, p{  
    color:rgb(168, 220, 125)  
}
```

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(168, 220, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 220, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 220, 177 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(168, 220, 125) }
```

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

```
.border{ border-color:rgb(168, 220, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 220, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 220, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 220, 125);  
box-shadow:4px 4px 4px 4px rgb(168, 220,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 220, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 220, 125) }
```

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

```
.background{ background-color: rgb(168,  
220, 125) }
```

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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