

Converting Colors

`RYB(175, 220, 225)`

Have a look what the booklet for
RYB(175, 220, 225) contains.

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Color

R_YB(175, 220, 225)

Conversions

Conversions Part 1

Format	Color
Hex	AFE1B5
RGB	175, 225, 181
RGB Percent	69%, 88%, 71%
CMY	0.3137, 0.1176, 0.2919
CMYK	0.22, 0.00, 0.20, 0.12
HSL	127°, 45%, 78%
HSV	127°, 22%, 88%
XYZ	52.8994, 66.2824, 53.4830
YIQ	205.0340, -15.6760, -24.2840

Conversions

Conversions Part 2

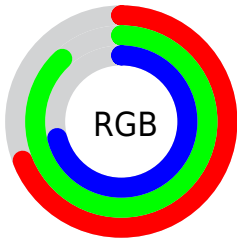
Format	Color
RYB	175, 220, 225
Decimal	11526581
CIELab	85.14, -24.67, 16.58
CIELCh	85, 29.719, 146.097
Yxy	66.2824, 0.3064, 0.3839
Android (android.graphics.Color)	4289716661 (0xFFAFE1B5)
YUV	205.0340, -11.8488, -26.3398
Hunter-Lab	81.4140, -26.4927, 18.0406

Details

The RYB color **175, 220, 225** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **225, 175, 219**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **231, 250, 255**, and **122, 165, 170** is the 20% darker color. If you saturate the color by 10%, you get **153, 218, 225**, and if you desaturate by 10%, it is **197, 222, 225**.

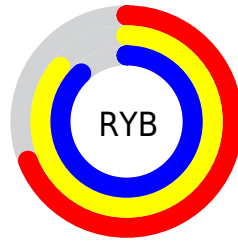
Distribution



Red (69%)

Green (88%)

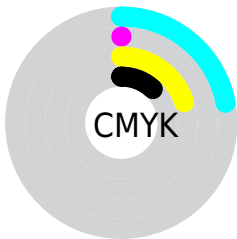
Blue (71%)



Red (69%)

Yellow (86%)

Blue (88%)

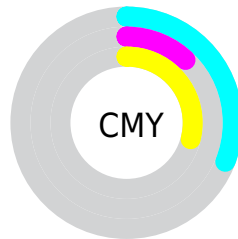


Cyan (22%)

Magenta (0%)

Yellow (20%)

Black (12%)



Cyan (31%)

Magenta (12%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 220, 225 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 175, 220, 225 by changing the saturation by 10% instead.


 175, 220, 225


255, 255, 255


 231, 251, 255

 175, 220, 225

 148, 192, 197


 122, 165, 170

 96, 138, 143

 71, 111, 117

 47, 85, 92

 22, 59, 68

 0, 36, 46

 0, 27, 27

 0, 0, 0

 175, 220, 225

 175, 220, 225

 153, 218, 225

 197, 222, 225

 130, 215, 225

 220, 224, 225

 108, 213, 225

 243, 225, 241

 85, 211, 225

 255, 225, 255

 63, 209, 225

 40, 206, 225

 18, 204, 225

 0, 203, 225

Harmonies

Analogous

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



162, 218, 173



175, 220, 225



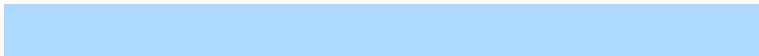
146, 193, 228

Triad

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



175, 220, 225



173, 201, 255



255, 194, 189

Complementary

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



175, 220, 225



225, 175, 219

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, 193, 217



175, 220, 225



212, 207, 255

Square

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



175, 220, 225



140, 189, 255



245, 198, 244



255, 220, 167

Rectangle

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



175, 220, 225



133, 181, 228



245, 198, 244



255, 193, 198

Sweetspot

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



175, 220, 225



237, 253, 255



175, 225, 180



117, 127, 128



0, 0, 0



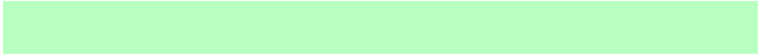
128, 128, 128

Same Dimension

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



175, 220, 225



186, 248, 255



175, 206, 225



101, 111, 112



0, 158, 176



0, 43, 48

Inverse Universe

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



225, 175, 219



255, 186, 247



225, 175, 195



112, 101, 111



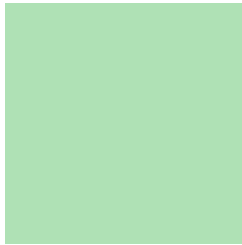
176, 0, 156



48, 0, 43

Previews

White Background



This preview shows how the RYB color 175, 220, 225 looks on a white background.

Color Contrast Check

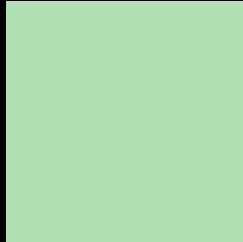
Large Text (above 18pt) WCAG AA × Fail

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 175, 220, 225 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](#).

RYP 175, 220, 225 Background



This preview shows how black text looks on a background with the RYB color 175, 220, 225.

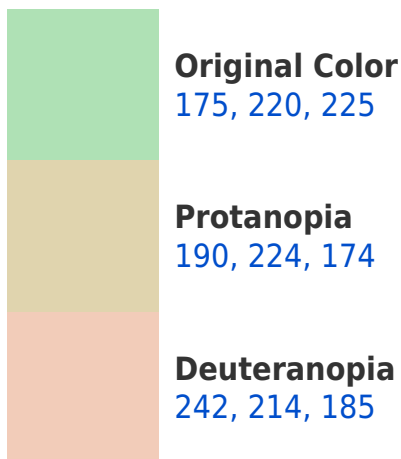


This preview shows how white text looks on a background with the RYB color 175, 220, 225.

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](#).

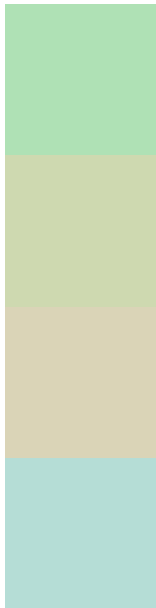
Dichromacy





Tritanopia
185, 205, 235

Trichromacy



Original Color
175, 220, 225

Protanomaly
176, 217, 187

Deuteranomaly
190, 218, 183

Tritanomaly
181, 203, 221

Monochromacy



Original Color
175, 220, 225

Achromatopsia
205, 205, 205

Achromatomaly
194, 210, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 220, 225 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(175, 225, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 225, 181)  
}
```

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(175, 225, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 225, 181) }
```

Border

The CSS property to change the border of an element to RYB 175, 220, 225 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(175, 225, 181) }
```

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

```
.border{ border-color:rgb(175, 225, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 225, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 225, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 225, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 225,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 175, 220, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 225, 181) }
```

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

```
.background{ background-color: rgb(175,  
225, 181) }
```

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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