

Converting Colors

`RYB(171, 221, 202)`

Have a look what the booklet for
RYB(171, 221, 202) contains.

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Color

$\text{RYB}(171, 221, 202)$

Conversions

Conversions Part 1

Format	Color
Hex	BEDDAB
RGB	190, 221, 171
RGB Percent	75%, 87%, 67%
CMY	0.2549, 0.1333, 0.3294
CMYK	0.14, 0.00, 0.23, 0.13
HSL	97°, 42%, 77%
HSV	97°, 23%, 87%
XYZ	54.4423, 65.6003, 48.3208
YIQ	206.0310, -2.4260, -22.1220

Conversions

Conversions Part 2

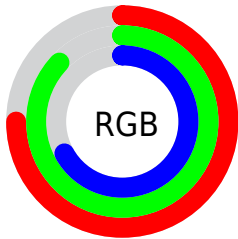
Format	Color
RYB	171, 221, 202
Decimal	12508587
CIELab	84.79, -19.21, 21.23
CIELCh	85, 28.625, 132.139
Yxy	65.6003, 0.3234, 0.3896
Android (android.graphics.Color)	4290698667 (0xFFBEDDAB)
YUV	206.0310, -17.2703, -14.0592
Hunter-Lab	80.9940, -21.7559, 21.3236

Details

The RYB color **171, 221, 202** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **202, 171, 221**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **227, 255, 235**, and **119, 166, 149** is the 20% darker color. If you saturate the color by 10%, you get **149, 221, 194**, and if you desaturate by 10%, it is **193, 221, 210**.

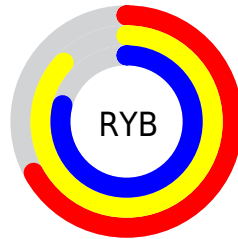
Distribution



Red (75%)

Green (87%)

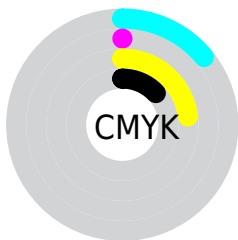
Blue (67%)



Red (67%)

Yellow (87%)

Blue (79%)

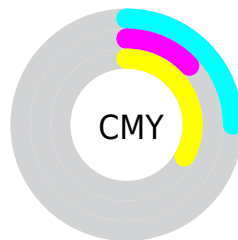


Cyan (14%)

Magenta (0%)

Yellow (23%)

Black (13%)



Cyan (25%)

Magenta (13%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 221, 202 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 171, 221, 202 by changing the saturation by 10% instead.


 171, 221, 202


255, 255, 255


 227, 255, 235

 171, 221, 202

 144, 193, 174

 119, 166, 149

 94, 139, 123

 70, 114, 99

 47, 89, 74

 25, 66, 53

 0, 43, 26

 0, 25, 25

 0, 0, 0

 171, 221, 202

 171, 221, 202

 149, 221, 194

 193, 221, 210

 127, 221, 185

 215, 221, 219

 105, 221, 177

 231, 221, 237

 83, 221, 169

 245, 221, 255

 60, 221, 160

 255, 221, 255

 38, 221, 151

 16, 221, 143

 0, 221, 137

Harmonies

Analogous

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



167, 220, 159



171, 221, 202



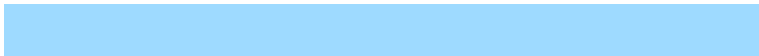
160, 204, 226

Triad

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



171, 221, 202



158, 195, 255



255, 192, 201

Complementary

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



171, 221, 202



202, 171, 221

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, 194, 229



171, 221, 202



194, 207, 255

Square

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



171, 221, 202



135, 185, 247



230, 201, 252



255, 202, 177

Rectangle

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



171, 221, 202



143, 189, 227



230, 201, 252



255, 192, 211

Sweetspot

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



171, 221, 202



237, 255, 248



202, 221, 171



117, 128, 124



0, 0, 0



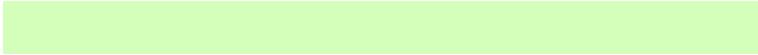
128, 128, 128

Same Dimension

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



171, 221, 202



186, 255, 229



171, 216, 221



99, 110, 106



0, 173, 107



0, 46, 29

Inverse Universe

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



202, 171, 221



229, 186, 255



221, 171, 215



105, 99, 110



108, 0, 173



28, 0, 46

Previews

White Background



This preview shows how the RYB color 171, 221, 202 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 171, 221, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

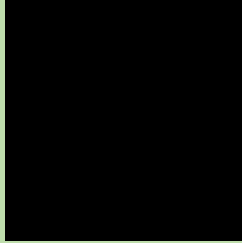
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

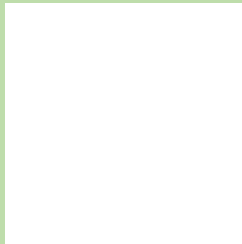
Any Text WCAG AAA ✓ Pass

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

RYB 171, 221, 202 Background



This preview shows how black text looks on a background with the RYB color 171, 221, 202.

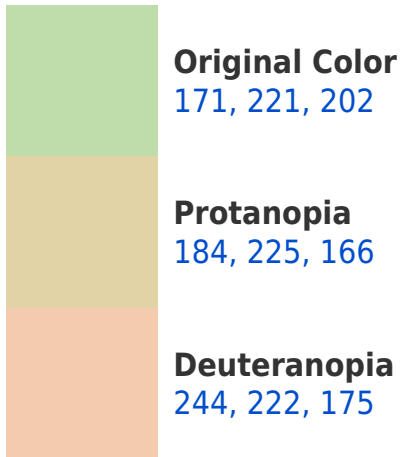


This preview shows how white text looks on a background with the RYB color 171, 221, 202.

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
199, 209, 230

Trichromacy



Original Color

171, 221, 202

Protanomaly

168, 215, 171

Deuteranomaly

193, 224, 174

Tritanomaly

196, 208, 216

Monochromacy



Original Color

171, 221, 202

Achromatopsia

206, 206, 206

Achromatomaly

193, 211, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 221, 202 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(190, 221, 171)` looks like.

```
.text, #text, p{  
    color:rgb(190, 221, 171)  
}
```

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(190, 221, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 221, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 221, 202 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(190, 221, 171) }
```

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

```
.border{ border-color:rgb(190, 221, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 221, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 221, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 221, 171);  
box-shadow:4px 4px 4px 4px rgb(190, 221,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 221, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 221, 171) }
```

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

```
.background{ background-color: rgb(190,  
221, 171) }
```

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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