

Converting Colors

`RYB(174, 224, 215)`

Have a look what the booklet for
RYB(174, 224, 215) contains.

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Color

R_YB(174, 224, 215)

Conversions

Conversions Part 1

Format	Color
Hex	B7E0AE
RGB	183, 224, 174
RGB Percent	72%, 88%, 68%
CMY	0.2824, 0.1216, 0.3176
CMYK	0.18, 0.00, 0.22, 0.12
HSL	109°, 45%, 78%
HSV	109°, 22%, 88%
XYZ	53.8241, 66.4346, 50.0307
YIQ	206.0410, -8.3860, -24.2420

Conversions

Conversions Part 2

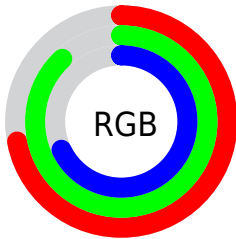
Format	Color
RYB	174, 224, 215
Decimal	12050606
CIELab	85.22, -22.62, 20.18
CIELCh	85, 30.312, 138.258
Yxy	66.4346, 0.3161, 0.3901
Android (android.graphics.Color)	4290240686 (0xFFB7E0AE)
YUV	206.0410, -15.7962, -20.2070
Hunter-Lab	81.5074, -24.7641, 20.6619

Details

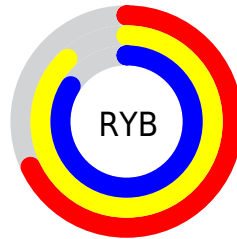
The RYB color **174, 224, 215** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **215, 174, 224**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **230, 255, 246**, and **121, 169, 161** is the 20% darker color. If you saturate the color by 10%, you get **152, 224, 211**, and if you desaturate by 10%, it is **196, 224, 219**.

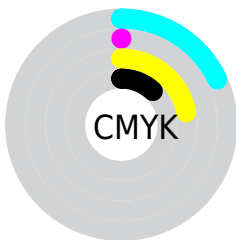
Distribution



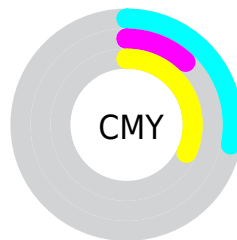
- Red (72%)
- Green (88%)
- Blue (68%)



- Red (68%)
- Yellow (88%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 224, 215 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 174, 224, 215 by changing the saturation by 10% instead.


 174, 224, 215


255, 255, 255


 230, 255, 246

 174, 224, 215


 147, 196, 187

 121, 169, 161

 96, 142, 134

 72, 116, 109

 49, 92, 86

 28, 68, 65

 4, 45, 41

 0, 27, 27

 0, 0, 0

 174, 224, 215

 174, 224, 215

 152, 224, 211

 196, 224, 219

 129, 224, 207

 219, 224, 223

 107, 224, 203

 238, 224, 241

 84, 224, 198

 255, 224, 255

 62, 224, 195

 40, 224, 191

 17, 224, 187

 0, 224, 184

Harmonies

Analogous

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



158, 217, 159



174, 224, 215



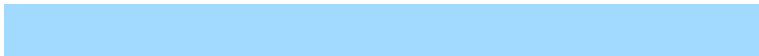
151, 198, 228

Triad

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



174, 224, 215



162, 197, 255



255, 193, 196

Complementary

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



174, 224, 215



215, 174, 224

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, 225



174, 224, 215



202, 208, 255

Square

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



174, 224, 215



133, 186, 255



239, 200, 251



255, 211, 171

Rectangle

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



174, 224, 215



135, 184, 229



239, 200, 251



255, 192, 206

Sweetspot

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



174, 224, 215



237, 255, 252



185, 224, 174



117, 128, 126



0, 0, 0



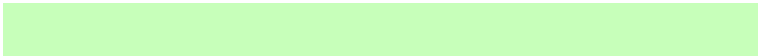
128, 128, 128

Same Dimension

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



174, 224, 215



186, 255, 242



174, 212, 224



101, 112, 110



0, 176, 144



0, 48, 39

Inverse Universe

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



215, 174, 224



243, 186, 255



224, 174, 208



110, 101, 112



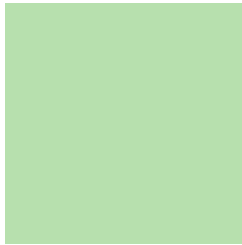
144, 0, 176



40, 0, 48

Previews

White Background



This preview shows how the RYB color 174, 224, 215 looks on a white background.

Color Contrast Check

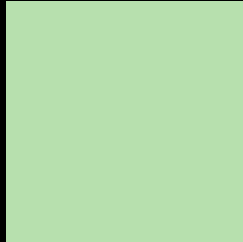
Large Text (above 18pt) WCAG AA × Fail

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 174, 224, 215 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 174, 224, 215 Background



This preview shows how black text looks on a background with the RYB color 174, 224, 215.

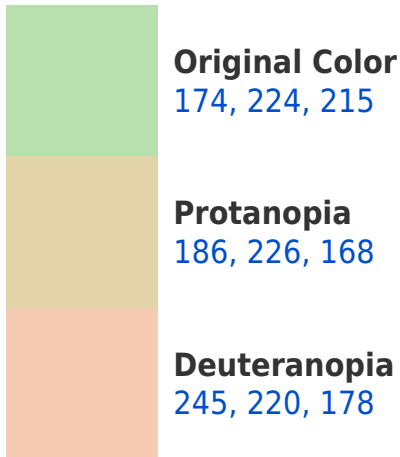


This preview shows how white text looks on a background with the RYB color 174, 224, 215.

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](#).

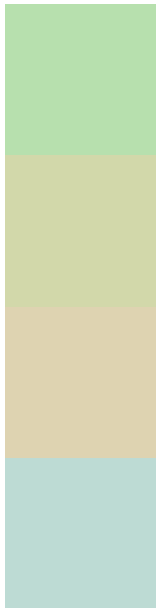
Dichromacy





Tritanopia
193, 208, 233

Trichromacy



Original Color
174, 224, 215

Protanomaly
170, 216, 176

Deuteranomaly
192, 222, 177

Tritanomaly
189, 206, 219

Monochromacy



Original Color
174, 224, 215

Achromatopsia
206, 206, 206

Achromatomaly
194, 213, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 224, 215 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(183, 224, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 224, 174)  
}
```

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(183, 224, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 224, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 224, 215 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(183, 224, 174) }
```

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

```
.border{ border-color:rgb(183, 224, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 224, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 224, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 224, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 224,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 224, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 224, 174) }
```

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

```
.background{ background-color: rgb(183,  
224, 174) }
```

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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