

Converting Colors

`RYB(173, 222, 209)`

Have a look what the booklet for
RYB(173, 222, 209) contains.

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Color

R_YB(173, 222, 209)

Conversions

Conversions Part 1

Format	Color
Hex	BADEAD
RGB	186, 222, 173
RGB Percent	73%, 87%, 68%
CMY	0.2706, 0.1294, 0.3216
CMYK	0.16, 0.00, 0.22, 0.13
HSL	104°, 43%, 77%
HSV	104°, 22%, 87%
XYZ	53.9138, 65.6988, 49.3747
YIQ	205.6500, -5.7270, -22.8710

Conversions

Conversions Part 2

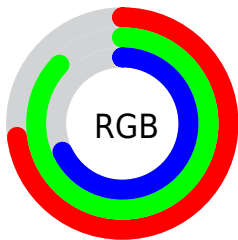
Format	Color
RYB	173, 222, 209
Decimal	12246701
CIELab	84.84, -20.77, 20.21
CIELCh	85, 28.982, 135.781
Yxy	65.6988, 0.3190, 0.3888
Android (android.graphics.Color)	4290436781 (0xFFBADEAD)
YUV	205.6500, -16.0965, -17.2331
Hunter-Lab	81.0548, -23.1161, 20.6217

Details

The RYB color **173, 222, 209** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **209, 173, 222**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **229, 255, 241**, and **120, 167, 155** is the 20% darker color. If you saturate the color by 10%, you get **151, 222, 203**, and if you desaturate by 10%, it is **195, 222, 215**.

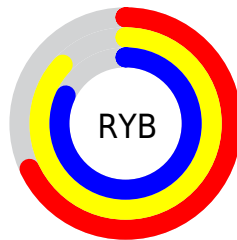
Distribution



Red (73%)

Green (87%)

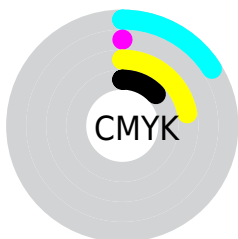
Blue (68%)



Red (68%)

Yellow (87%)

Blue (82%)

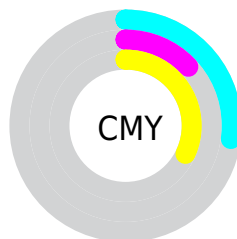


Cyan (16%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 222, 209 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 173, 222, 209 by changing the saturation by 10% instead.


 173, 222, 209


255, 255, 255


 229, 255, 241

 173, 222, 209

 146, 194, 181

 120, 167, 155

 95, 140, 128

 72, 115, 105

 49, 90, 81

 27, 66, 58


 2, 44, 33

 0, 26, 26

 0, 0, 0

 173, 222, 209

 173, 222, 209

 151, 222, 203

 195, 222, 215

 129, 222, 198

 217, 222, 220

 106, 222, 191

 235, 222, 240

 84, 222, 185

 251, 222, 255

 62, 222, 180

 255, 222, 255

 40, 222, 174

 18, 222, 168

 0, 222, 163

Harmonies

Analogous

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



161, 217, 159



173, 222, 209



156, 200, 226

Triad

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



173, 222, 209



161, 196, 255



255, 192, 198

Complementary

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



173, 222, 209



209, 173, 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, 193, 226



173, 222, 209



199, 207, 255

Square

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



173, 222, 209



135, 185, 250



234, 200, 250



255, 206, 174

Rectangle

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



173, 222, 209



140, 186, 227



234, 200, 250



255, 192, 207

Sweetspot

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



173, 222, 209



237, 255, 250



191, 222, 173



117, 128, 125



0, 0, 0



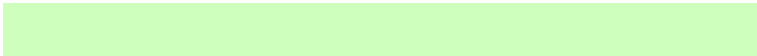
128, 128, 128

Same Dimension

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



173, 222, 209



189, 255, 238



173, 213, 222



101, 112, 109



0, 176, 129



0, 48, 35

Inverse Universe

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



209, 173, 222



237, 189, 255



222, 173, 211



109, 101, 112



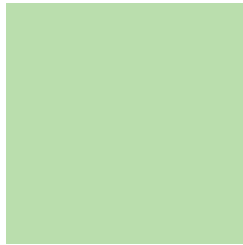
129, 0, 176



36, 0, 48

Previews

White Background



This preview shows how the RYB color 173, 222, 209 looks on a white background.

Color Contrast Check

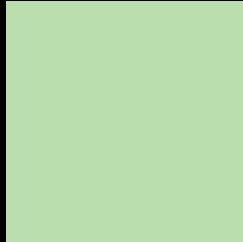
Large Text (above 18pt) WCAG AA × Fail

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 173, 222, 209 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

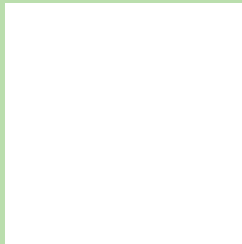
Any Text WCAG AAA ✓ Pass

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

RYB 173, 222, 209 Background



This preview shows how black text looks on a background with the RYB color 173, 222, 209.



This preview shows how white text looks on a background with the RYB color 173, 222, 209.

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





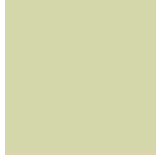
Tritanopia
195, 207, 231

Trichromacy



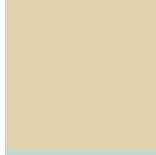
Original Color

173, 222, 209



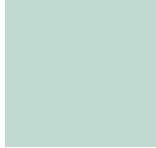
Protanomaly

170, 215, 174



Deuteranomaly

194, 223, 176



Tritanomaly

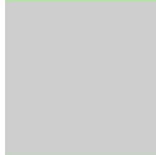
192, 207, 217

Monochromacy



Original Color

173, 222, 209



Achromatopsia

206, 206, 206



Achromatomaly

194, 212, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 222, 209 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(186, 222, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 173)  
}
```

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(186, 222, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 222, 209 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(186, 222, 173) }
```

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

```
.border{ border-color:rgb(186, 222, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 222, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 222, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 222, 173) }
```

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

```
.background{ background-color: rgb(186,  
222, 173) }
```

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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