

Converting Colors

`RYB(148, 221, 209)`

Have a look what the booklet for
RYB(148, 221, 209) contains.

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Color

R_YB(148, 221, 209)

Conversions

Conversions Part 1

Format	Color
Hex	A0DD94
RGB	160, 221, 148
RGB Percent	63%, 87%, 58%
CMY	0.3725, 0.1333, 0.4196
CMYK	0.28, 0.00, 0.33, 0.13
HSL	110°, 52%, 72%
HSV	110°, 33%, 87%
XYZ	45.6990, 61.3246, 37.4452
YIQ	194.4390, -12.9230, -35.6350

Conversions

Conversions Part 2

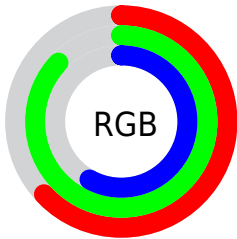
Format	Color
RYB	148, 221, 209
Decimal	10542484
CIELab	82.55, -33.09, 29.80
CIELCh	83, 44.530, 138.000
Yxy	61.3246, 0.3163, 0.4245
Android (android.graphics.Color)	4288732564 (0xFFA0DD94)
YUV	194.4390, -22.8944, -30.2030
Hunter-Lab	78.3100, -32.8763, 26.4665

Details

The RYB color **148, 221, 209** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **209, 148, 221**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **203, 255, 242**, and **97, 166, 157** is the 20% darker color. If you saturate the color by 10%, you get **126, 221, 205**, and if you desaturate by 10%, it is **170, 221, 213**.

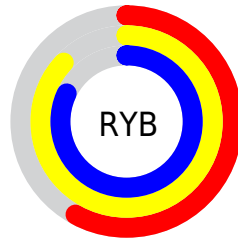
Distribution



Red (63%)

Green (87%)

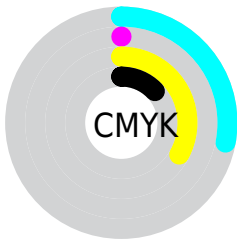
Blue (58%)



Red (58%)

Yellow (87%)

Blue (82%)

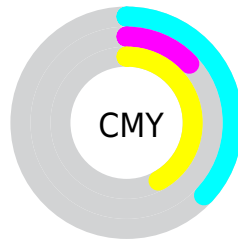


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (13%)



Cyan (37%)

Magenta (13%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 221, 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 148, 221, 209 by changing the saturation by 10% instead.


 148, 221, 209


255, 255, 255


 203, 255, 242


 231, 255, 241

 148, 221, 209

 122, 193, 182

 97, 166, 157


 72, 139, 131

 48, 113, 106

 25, 88, 85

 0, 63, 64

 0, 42, 42

 0, 16, 16

 0, 0, 0

 148, 221, 209

 148, 221, 209

 126, 221, 205

 170, 221, 213

 104, 221, 202

 192, 221, 216

 82, 221, 198

 214, 221, 220

 60, 221, 195

 234, 221, 236

 38, 221, 191

 252, 221, 255

 15, 221, 187

 255, 221, 255

 0, 221, 185

Harmonies

Analogous

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



124, 211, 127



148, 221, 209



105, 178, 227

Triad

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



148, 221, 209



113, 172, 255



255, 174, 182

Complementary

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



148, 221, 209



209, 148, 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, 174, 224



148, 221, 209



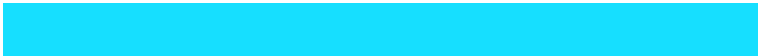
185, 198, 255

Square

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



148, 221, 209



22, 130, 255



241, 185, 255



255, 203, 145

Rectangle

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



148, 221, 209



61, 148, 228



241, 185, 255



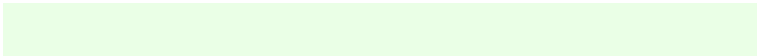
255, 173, 196

Sweetspot

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



148, 221, 209



230, 255, 251



162, 221, 148



112, 128, 125



0, 0, 0



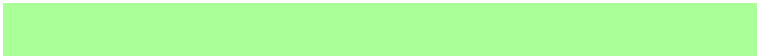
128, 128, 128

Same Dimension

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



148, 221, 209



153, 255, 238



148, 203, 221



99, 110, 109



0, 173, 144



0, 46, 38

Inverse Universe

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



209, 148, 221



238, 153, 255



221, 148, 197



108, 99, 110



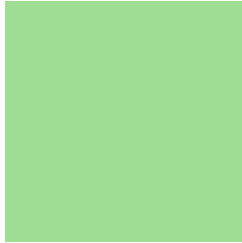
145, 0, 173



38, 0, 46

Previews

White Background



This preview shows how the RYB color 148, 221, 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 148, 221, 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 148, 221, 209 Background



This preview shows how black text looks on a background with the RYB color 148, 221, 209.

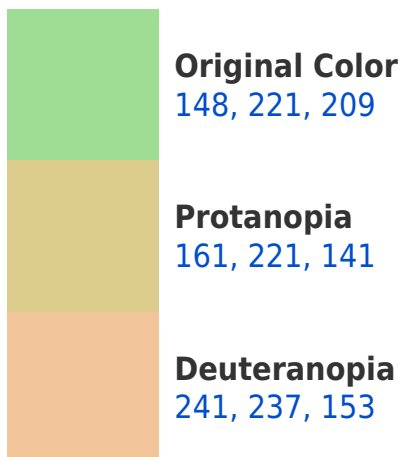


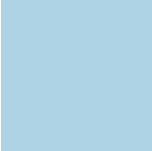
This preview shows how white text looks on a background with the RYB color 148, 221, 209.

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





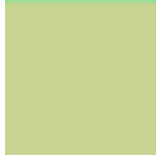
Tritanopia
174, 196, 228

Trichromacy



Original Color

148, 221, 209



Protanomaly

144, 211, 156



Deuteranomaly

159, 212, 151



Tritanomaly

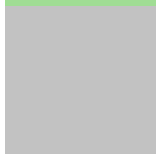
169, 197, 215

Monochromacy



Original Color

148, 221, 209



Achromatopsia

194, 194, 194



Achromatomaly

177, 204, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 221, 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(160, 221, 148)` looks like.

```
.text, #text, p{  
    color:rgb(160, 221, 148)  
}
```

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(160, 221, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 221, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 221, 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(160, 221, 148) }
```

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

```
.border{ border-color:rgb(160, 221, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 221, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 221, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 221, 148); box-shadow:4px 4px 4px 4px rgb(160, 221, 148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 221, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 221, 148) }
```

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

```
.background{ background-color: rgb(160,  
221, 148) }
```

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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