

Converting Colors

`RYB(149, 224, 200)`

Have a look what the booklet for
RYB(149, 224, 200) contains.

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Color

R_YB(149, 224, 200)

Conversions

Conversions Part 1

Format	Color
Hex	ADE095
RGB	173, 224, 149
RGB Percent	68%, 88%, 58%
CMY	0.3216, 0.1216, 0.4157
CMYK	0.23, 0.00, 0.33, 0.12
HSL	101°, 55%, 73%
HSV	101°, 33%, 88%
XYZ	49.3141, 64.3655, 38.2584
YIQ	200.2010, -6.3210, -34.1370

Conversions

Conversions Part 2

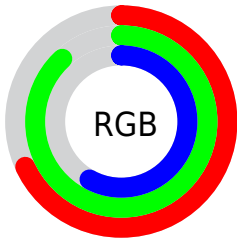
Format	Color
RYB	149, 224, 200
Decimal	11395221
CIELab	84.16, -29.93, 31.55
CIELCh	84, 43.491, 133.491
Yxy	64.3655, 0.3246, 0.4236
Android (android.graphics.Color)	4289585301 (0xFFADE095)
YUV	200.2010, -25.2421, -23.8553
Hunter-Lab	80.2281, -30.6800, 27.8860

Details

The RYB color **149, 224, 200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **200, 149, 224**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **204, 255, 230**, and **97, 169, 147** is the 20% darker color. If you saturate the color by 10%, you get **127, 224, 193**, and if you desaturate by 10%, it is **171, 224, 207**.

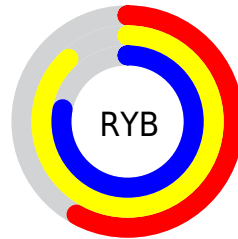
Distribution



Red (68%)

Green (88%)

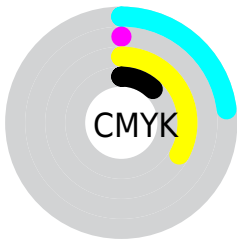
Blue (58%)



Red (58%)

Yellow (88%)

Blue (78%)

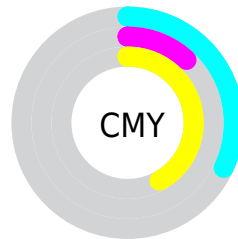


Cyan (23%)

Magenta (0%)

Yellow (33%)

Black (12%)



Cyan (32%)

Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 224, 200 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 149, 224, 200 by changing the saturation by 10% instead.


 149, 224, 200

255, 255, 255


 204, 255, 230


 232, 255, 232

 149, 224, 200


 123, 196, 173

 97, 169, 147

 73, 142, 122

 49, 116, 97

 26, 91, 74

 1, 67, 52

 0, 44, 44


 0, 23, 23

 0, 0, 0

 149, 224, 200

 149, 224, 200

 127, 224, 193

 171, 224, 207

 104, 224, 185

 194, 224, 215

 82, 224, 179

 216, 224, 221

 59, 224, 171

 234, 224, 239

 37, 224, 164

 249, 224, 255

 15, 224, 157

 255, 224, 255

 0, 224, 152

Harmonies

Analogous

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



135, 219, 129



149, 224, 200



121, 190, 230

Triad

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



149, 224, 200



111, 173, 255



255, 178, 193

Complementary

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



149, 224, 200



200, 149, 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, 181, 234



149, 224, 200



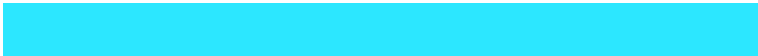
181, 201, 255

Square

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



149, 224, 200



44, 143, 255



238, 193, 255



255, 200, 155

Rectangle

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



149, 224, 200



83, 163, 232



238, 193, 255



255, 178, 207

Sweetspot

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



149, 224, 200



230, 255, 247



187, 224, 149



112, 128, 123



0, 0, 0



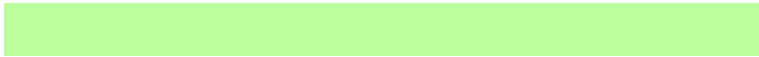
128, 128, 128

Same Dimension

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



149, 224, 200



153, 255, 222



149, 213, 224



101, 112, 108



0, 176, 120



0, 48, 32

Inverse Universe

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



200, 149, 224



222, 153, 255



224, 149, 211



109, 101, 112



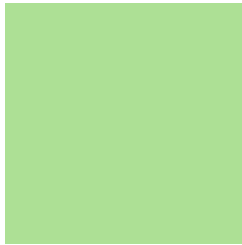
120, 0, 176



33, 0, 48

Previews

White Background



This preview shows how the RYB color 149, 224, 200 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 149, 224, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

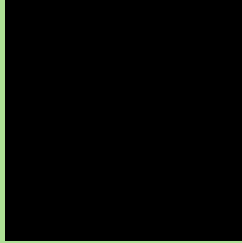
Any Text WCAG AA ✓ Pass

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 149, 224, 200 Background



This preview shows how black text looks on a background with the RYB color 149, 224, 200.

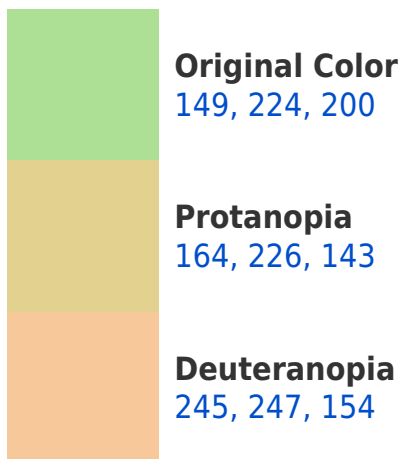


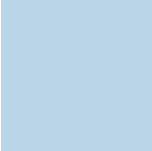
This preview shows how white text looks on a background with the RYB color 149, 224, 200.

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





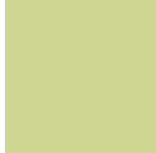
Tritanopia
186, 203, 231

Trichromacy



Original Color

149, 224, 200



Protanomaly

145, 214, 152



Deuteranomaly

165, 220, 152



Tritanomaly

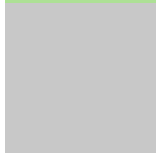
181, 205, 218

Monochromacy



Original Color

149, 224, 200



Achromatopsia

200, 200, 200



Achromatomaly

181, 209, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 224, 200 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(173, 224, 149)` looks like.

```
.text, #text, p{  
    color:rgb(173, 224, 149)  
}
```

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(173, 224, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 224, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 224, 200 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(173, 224, 149) }
```

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

```
.border{ border-color:rgb(173, 224, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 224, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 224, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 224, 149);  
box-shadow:4px 4px 4px 4px rgb(173, 224,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 224, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 224, 149) }
```

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

```
.background{ background-color: rgb(173,  
224, 149) }
```

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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