

Converting Colors

`RYB(154, 218, 200)`

Have a look what the booklet for
RYB(154, 218, 200) contains.

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Color

R_YB(154, 218, 200)

Conversions

Conversions Part 1

Format	Color
Hex	ACDA9A
RGB	172, 218, 154
RGB Percent	67%, 85%, 60%
CMY	0.3255, 0.1451, 0.3961
CMYK	0.21, 0.00, 0.29, 0.15
HSL	103°, 46%, 73%
HSV	103°, 29%, 85%
XYZ	47.9174, 61.2466, 39.8681
YIQ	196.9500, -6.8720, -29.6560

Conversions

Conversions Part 2

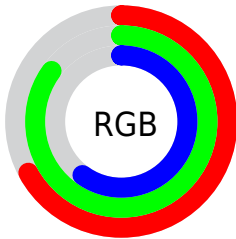
Format	Color
RYB	154, 218, 200
Decimal	11328154
CIELab	82.51, -26.67, 26.76
CIELCh	83, 37.786, 134.902
Yxy	61.2466, 0.3215, 0.4110
Android (android.graphics.Color)	4289518234 (0xFFACDA9A)
YUV	196.9500, -21.1744, -21.8812
Hunter-Lab	78.2602, -27.6628, 24.5780

Details

The RYB color **154, 218, 200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **200, 154, 218**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **209, 255, 236**, and **102, 163, 146** is the 20% darker color. If you saturate the color by 10%, you get **132, 218, 194**, and if you desaturate by 10%, it is **176, 218, 206**.

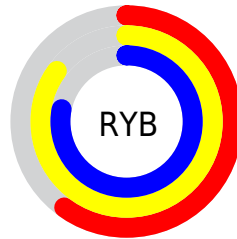
Distribution



Red (67%)

Green (85%)

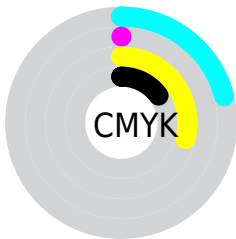
Blue (60%)



Red (60%)

Yellow (85%)

Blue (78%)

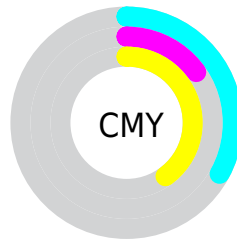


Cyan (21%)

Magenta (0%)

Yellow (29%)

Black (15%)



Cyan (33%)

Magenta (15%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 218, 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 154, 218, 200 by changing the saturation by 10% instead.


 154, 218, 200

255, 255, 255


 209, 255, 236

 237, 255, 237

 154, 218, 200

 128, 190, 173

 102, 163, 146


 78, 136, 121

 54, 111, 97

 32, 86, 74

 9, 63, 54

 0, 40, 40

 0, 16, 16

 0, 0, 0

 154, 218, 200

 154, 218, 200

 132, 218, 194

 176, 218, 206

 110, 218, 187

 198, 218, 213

 89, 218, 182

 219, 218, 219

 67, 218, 176

 235, 218, 241

 45, 218, 169

 250, 218, 255

 23, 218, 163

 255, 218, 255

 1, 218, 157

 0, 218, 157

Harmonies

Analogous

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



139, 212, 136



154, 218, 200



129, 188, 223

Triad

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



154, 218, 200



129, 180, 255



255, 179, 189

Complementary

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



154, 218, 200



200, 154, 218

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, 225



154, 218, 200



184, 199, 255

Square

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



154, 218, 200



87, 162, 254



232, 190, 255



255, 196, 157

Rectangle

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



154, 218, 200



103, 168, 225



232, 190, 255



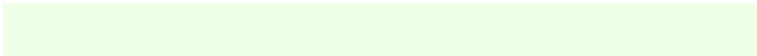
255, 178, 201

Sweetspot

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



154, 218, 200



232, 255, 248



179, 218, 154



113, 128, 124



0, 0, 0



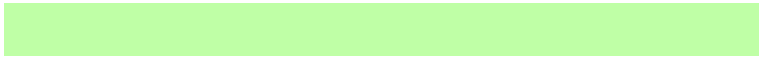
128, 128, 128

Same Dimension

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



154, 218, 200



166, 255, 230



154, 207, 218



99, 110, 107



0, 173, 124



0, 46, 33

Inverse Universe

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



200, 154, 218



230, 166, 255



218, 154, 204



107, 99, 110



125, 0, 173



33, 0, 46

Previews

White Background



This preview shows how the RYB color 154, 218, 200 looks on a white background.

Color Contrast Check

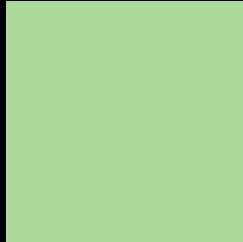
Large Text (above 18pt) WCAG AA × Fail

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 154, 218, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

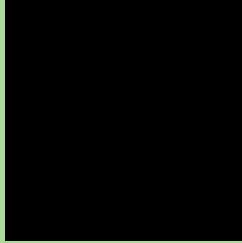
Any Text WCAG AA ✓ Pass

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 154, 218, 200 Background



This preview shows how black text looks on a background with the RYB color 154, 218, 200.

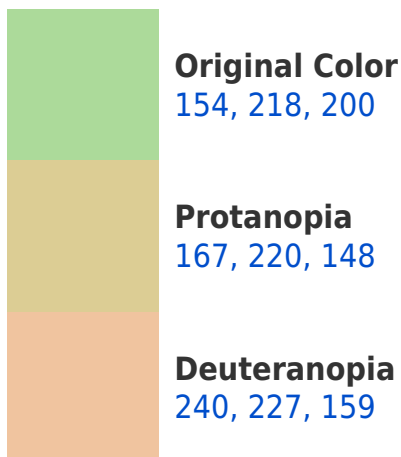


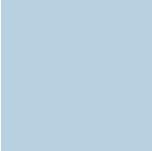
This preview shows how white text looks on a background with the RYB color 154, 218, 200.

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
183, 199, 225

Trichromacy



Original Color
154, 218, 200

Protanomaly
150, 210, 157

Deuteranomaly
171, 215, 157

Tritanomaly
179, 200, 212

Monochromacy



Original Color
154, 218, 200

Achromatopsia
197, 197, 197

Achromatomaly
181, 205, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 218, 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(172, 218, 154)` looks like.

```
.text, #text, p{  
    color:rgb(172, 218, 154)  
}
```

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(172, 218, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 218, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 218, 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(172, 218, 154) }
```

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

```
.border{ border-color:rgb(172, 218, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 218, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 218, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 218, 154);  
box-shadow:4px 4px 4px 4px rgb(172, 218,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 218, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 218, 154) }
```

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

```
.background{ background-color: rgb(172,  
218, 154) }
```

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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