

Converting Colors

`RYB(132, 206, 188)`

Have a look what the booklet for
RYB(132, 206, 188) contains.

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Color

R_YB(132, 206, 188)

Conversions

Conversions Part 1

Format	Color
Hex	96CE84
RGB	150, 206, 132
RGB Percent	59%, 81%, 52%
CMY	0.4118, 0.1922, 0.4824
CMYK	0.27, 0.00, 0.36, 0.19
HSL	105°, 43%, 66%
HSV	105°, 36%, 81%
XYZ	38.8138, 52.2926, 29.8776
YIQ	180.8200, -9.6220, -34.8860

Conversions

Conversions Part 2

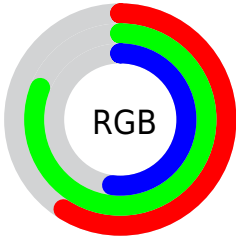
Format	Color
RYB	132, 206, 188
Decimal	9883268
CIELab	77.46, -31.87, 31.17
CIElCh	77, 44.577, 135.642
Yxy	52.2926, 0.3208, 0.4322
Android (android.graphics.Color)	4288073348 (0xFF96CE84)
YUV	180.8200, -24.0683, -27.0291
Hunter-Lab	72.3136, -30.7402, 26.1229

Details

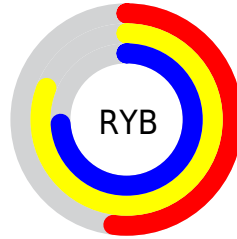
The RYB color **132, 206, 188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188, 132, 206**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **186, 255, 235**, and **81, 151, 135** is the 20% darker color. If you saturate the color by 10%, you get **111, 206, 183**, and if you desaturate by 10%, it is **153, 206, 193**.

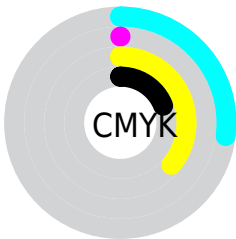
Distribution



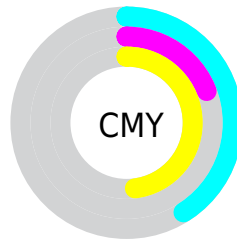
- Red (59%)
- Green (81%)
- Blue (52%)



- Red (52%)
- Yellow (81%)
- Blue (74%)



- Cyan (27%)
- Magenta (0%)
- Yellow (36%)
- Black (19%)



- Cyan (41%)
- Magenta (19%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 206, 188 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 132, 206, 188 by changing the saturation by 10% instead.

 132, 206, 188


255, 255, 255


 186, 255, 235


 214, 255, 235

 242, 255, 242

 132, 206, 188

 106, 178, 161

 81, 151, 135

 57, 125, 111

 34, 100, 88

 10, 76, 68

 0, 52, 52

 0, 33, 33

 0, 0, 0

 132, 206, 188

 132, 206, 188

 111, 206, 183

 153, 206, 193

 91, 206, 178

 173, 206, 198

 70, 206, 173

 194, 206, 203

 50, 206, 168

 212, 206, 214

 29, 206, 163

 228, 206, 235

 8, 206, 158

 244, 206, 255

 0, 206, 156

 255, 206, 255

Harmonies

Analogous

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



110, 196, 110



132, 206, 188



94, 166, 212

Triad

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



132, 206, 188



89, 156, 255



255, 159, 171

Complementary

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



132, 206, 188



188, 132, 206

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, 161, 213



132, 206, 188



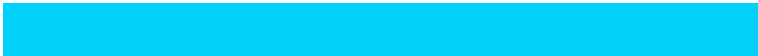
165, 183, 255

Square

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



132, 206, 188



0, 114, 249



223, 173, 249



255, 181, 134

Rectangle

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



132, 206, 188



42, 131, 213



223, 173, 249



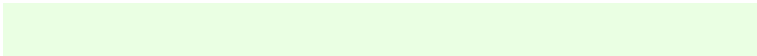
255, 158, 185

Sweetspot

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



132, 206, 188



227, 255, 248



156, 206, 132



111, 128, 124



0, 0, 0



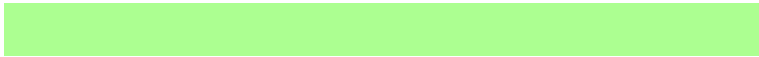
128, 128, 128

Same Dimension

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



132, 206, 188



145, 255, 228



132, 191, 206



92, 102, 100



0, 166, 126



0, 38, 29

Inverse Universe

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



188, 132, 206



228, 145, 255



206, 132, 188



100, 92, 102



125, 0, 166



29, 0, 38

Previews

White Background



This preview shows how the RYB color 132, 206, 188 looks on a white background.

Color Contrast Check

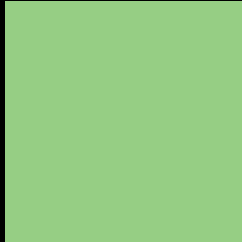
Large Text (above 18pt) WCAG AA × Fail

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 132, 206, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

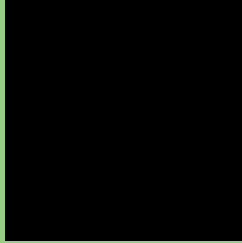
Any Text WCAG AA ✓ Pass

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 132, 206, 188 Background



This preview shows how black text looks on a background with the RYB color 132, 206, 188.

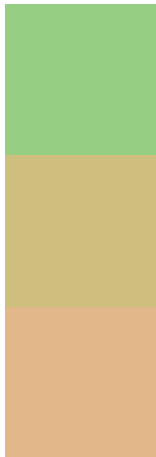


This preview shows how white text looks on a background with the RYB color 132, 206, 188.

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](#).

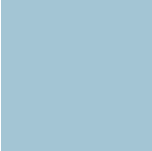
Dichromacy



Original Color
[132, 206, 188](#)

Protanopia
[146, 207, 126](#)

Deuteranopia
[220, 226, 137](#)



Tritanopia
163, 183, 212

Trichromacy



Original Color
132, 206, 188

Protanomaly
128, 196, 138

Deuteranomaly
143, 198, 135

Tritanomaly
158, 184, 200

Monochromacy



Original Color
132, 206, 188

Achromatopsia
181, 181, 181

Achromatomaly
163, 190, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 206, 188 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(150, 206, 132)` looks like.

```
.text, #text, p{  
    color:rgb(150, 206, 132)  
}
```

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(150, 206, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 206, 132) }
```

Border

The CSS property to change the border of an element to RYB 132, 206, 188 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(150, 206, 132) }
```

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

```
.border{ border-color:rgb(150, 206, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 206, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 206, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 206, 132);  
box-shadow:4px 4px 4px 4px rgb(150, 206,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 132, 206, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 206, 132) }
```

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

```
.background{ background-color: rgb(150,  
206, 132) }
```

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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