

Converting Colors

`RYB(133, 208, 144)`

Have a look what the booklet for
RYB(133, 208, 144) contains.

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Color

R_YB(133, 208, 144)

Conversions

Conversions Part 1

Format	Color
Hex	C5D085
RGB	197, 208, 133
RGB Percent	77%, 82%, 52%
CMY	0.2275, 0.1843, 0.4784
CMYK	0.05, 0.00, 0.36, 0.18
HSL	69°, 44%, 67%
HSV	69°, 36%, 82%
XYZ	49.8155, 58.6755, 30.8903
YIQ	196.1610, 17.5190, -25.6570

Conversions

Conversions Part 2

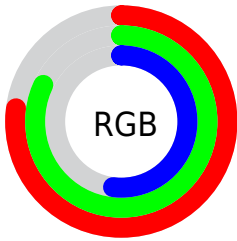
Format	Color
RYB	133, 208, 144
Decimal	12963973
CIELab	81.11, -15.46, 36.02
CIElCh	81, 39.197, 113.230
Yxy	58.6755, 0.3574, 0.4210
Android (android.graphics.Color)	4291154053 (0xFFC5D085)
YUV	196.1610, -31.1384, 0.7358
Hunter-Lab	76.5999, -17.9655, 29.7102

Details

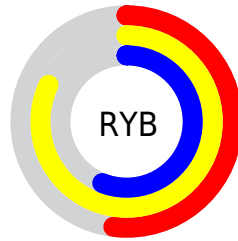
The RYB color **133, 208, 144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **144, 133, 208**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **187, 255, 188**, and **82, 154, 94** is the 20% darker color. If you saturate the color by 10%, you get **112, 208, 126**, and if you desaturate by 10%, it is **154, 208, 162**.

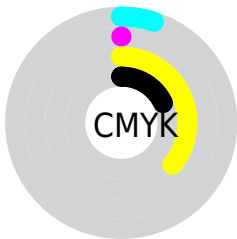
Distribution



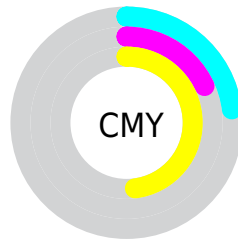
- Red (77%)
- Green (82%)
- Blue (52%)



- Red (52%)
- Yellow (82%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 208, 144 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 133, 208, 144 by changing the saturation by 10% instead.

 133, 208, 144


255, 255, 255


 187, 255, 188

 215, 255, 215

 244, 255, 244

 133, 208, 144

 107, 180, 118

 82, 154, 94

 58, 128, 70

 34, 103, 47

 8, 79, 22

 0, 56, 13

 0, 34, 16

 0, 8, 8

 0, 0, 0

 133, 208, 144

 133, 208, 144

 112, 208, 126

 154, 208, 162

 91, 208, 108

 175, 208, 180

 71, 208, 91

 195, 208, 197

 50, 208, 73

 209, 208, 216

 29, 208, 55

 212, 208, 237

 8, 208, 37

 215, 208, 255

 0, 208, 31

 218, 208, 255

 221, 208, 255

 224, 208, 255

Harmonies

Analogous

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



189, 234, 129



133, 208, 144



155, 215, 216

Triad

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



133, 208, 144



82, 158, 255



255, 174, 211

Complementary

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



133, 208, 144



144, 133, 208

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.



240, 182, 246



133, 208, 144



137, 181, 255

Square

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



133, 208, 144



71, 148, 229



194, 195, 255



255, 175, 174

Rectangle

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



133, 208, 144



124, 185, 220



194, 195, 255



255, 176, 224

Sweetspot

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



133, 208, 144



227, 255, 231



208, 145, 133



111, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



133, 208, 144



145, 255, 161



133, 208, 180



94, 105, 96



0, 168, 24



0, 41, 6

Inverse Universe

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



144, 133, 208



161, 145, 255



181, 133, 208



96, 94, 105



25, 0, 168



6, 0, 41

Previews

White Background



This preview shows how the RYB color 133, 208, 144 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 133, 208, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

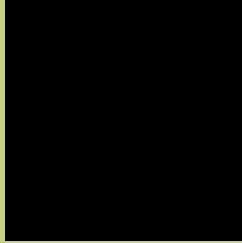
Any Text WCAG AA ✓ Pass

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 133, 208, 144 Background



This preview shows how black text looks on a background with the RYB color 133, 208, 144.



This preview shows how white text looks on a background with the RYB color 133, 208, 144.

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
133, 208, 144

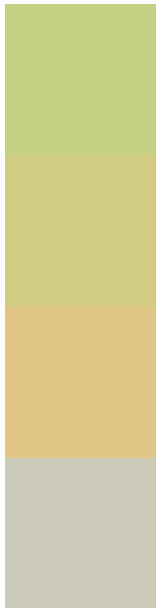
Protanopia
153, 219, 130

Deuteranopia
228, 241, 136



Tritanopia
207, 198, 214

Trichromacy



Original Color
133, 208, 144

Protanomaly
139, 211, 131

Deuteranomaly
174, 225, 135

Tritanomaly
186, 203, 185

Monochromacy



Original Color
133, 208, 144

Achromatopsia
196, 196, 196

Achromatomaly
173, 200, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 208, 144 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(197, 208, 133)` looks like.

```
.text, #text, p{  
    color:rgb(197, 208, 133)  
}
```

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(197, 208, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 208, 133) }
```

Border

The CSS property to change the border of an element to RYB 133, 208, 144 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(197, 208, 133) }
```

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

```
.border{ border-color:rgb(197, 208, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 208, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 208, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 208, 133);  
box-shadow:4px 4px 4px 4px rgb(197, 208,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 133, 208, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 208, 133) }
```

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

```
.background{ background-color: rgb(197,  
208, 133) }
```

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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