

Converting Colors

`RYB(136, 221, 192)`

Have a look what the booklet for
RYB(136, 221, 192) contains.

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Color

R_YB(136, 221, 192)

Conversions

Conversions Part 1

Format	Color
Hex	A5DD88
RGB	165, 221, 136
RGB Percent	65%, 87%, 53%
CMY	0.3529, 0.1333, 0.4667
CMYK	0.25, 0.00, 0.38, 0.13
HSL	100°, 56%, 70%
HSV	100°, 38%, 87%
XYZ	45.8174, 61.4898, 32.7464
YIQ	194.5660, -6.0910, -38.3070

Conversions

Conversions Part 2

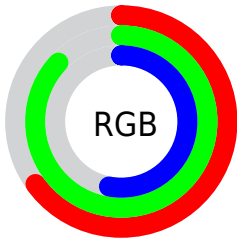
Format	Color
RYB	136, 221, 192
Decimal	10870152
CIELab	82.64, -33.13, 36.07
CIElCh	83, 48.982, 132.569
Yxy	61.4898, 0.3271, 0.4390
Android (android.graphics.Color)	4289060232 (0xFFA5DD88)
YUV	194.5660, -28.8730, -25.9294
Hunter-Lab	78.4154, -32.9311, 30.1312

Details

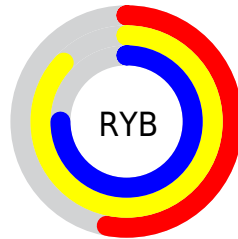
The RYB color **136, 221, 192** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **192, 136, 221**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **190, 255, 224**, and **85, 166, 140** is the 20% darker color. If you saturate the color by 10%, you get **114, 221, 185**, and if you desaturate by 10%, it is **158, 221, 199**.

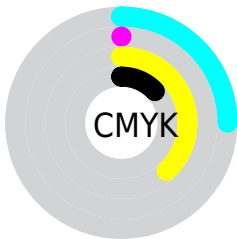
Distribution



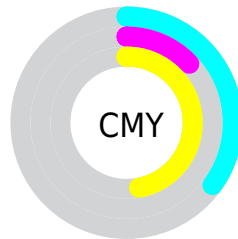
- Red (65%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (75%)



- Cyan (25%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (35%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 221, 192 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 136, 221, 192 by changing the saturation by 10% instead.

 136, 221, 192


255, 255, 255

 190, 255, 224


 218, 255, 222

 247, 255, 247

 136, 221, 192


 110, 193, 165

 85, 166, 140


 60, 139, 114

 36, 113, 90

 10, 88, 66

 0, 64, 62

 0, 42, 42

 0, 17, 17

 0, 0, 0

 136, 221, 192

 136, 221, 192

 114, 221, 185

 158, 221, 199

 92, 221, 177

 180, 221, 207

 70, 221, 170

 202, 221, 214

 48, 221, 162

 223, 221, 224

 25, 221, 154

 238, 221, 247

 3, 221, 146

 252, 221, 255

 0, 221, 146

 255, 221, 255

Harmonies

Analogous

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



122, 216, 114



136, 221, 192



103, 182, 228

Triad

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



136, 221, 192



74, 154, 255



255, 169, 188

Complementary

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



136, 221, 192



192, 136, 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, 172, 234



136, 221, 192



168, 193, 255

Square

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



136, 221, 192



0, 120, 255



235, 186, 255



255, 191, 146

Rectangle

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



136, 221, 192



39, 140, 230



235, 186, 255



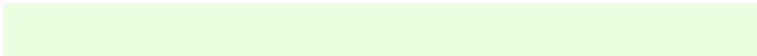
255, 169, 203

Sweetspot

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



136, 221, 192



224, 255, 244



182, 221, 136



110, 128, 122



0, 0, 0



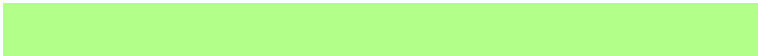
128, 128, 128

Same Dimension

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



136, 221, 192



138, 255, 215



136, 210, 221



99, 110, 107



0, 173, 114



0, 46, 30

Inverse Universe

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



192, 136, 221



215, 138, 255



221, 136, 208



106, 99, 110



114, 0, 173



30, 0, 46

Previews

White Background



This preview shows how the RYB color 136, 221, 192 looks on a white background.

Color Contrast Check

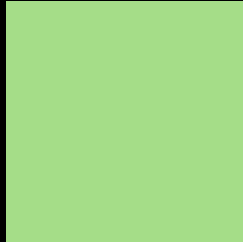
Large Text (above 18pt) WCAG AA × Fail

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 136, 221, 192 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 136, 221, 192 Background



This preview shows how black text looks on a background with the RYB color 136, 221, 192.



This preview shows how white text looks on a background with the RYB color 136, 221, 192.

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](#).

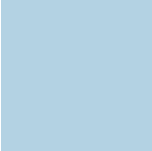
Dichromacy



Original Color
136, 221, 192

Protanopia
152, 223, 130

Deuteranopia
235, 245, 142



Tritanopia
179, 198, 227

Trichromacy



Original Color

136, 221, 192



Protanomaly

132, 211, 141



Deuteranomaly

153, 216, 140



Tritanomaly

174, 201, 214

Monochromacy



Original Color

136, 221, 192



Achromatopsia

195, 195, 195



Achromatomaly

174, 204, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 221, 192 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(165, 221, 136)` looks like.

```
.text, #text, p{  
    color:rgb(165, 221, 136)  
}
```

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(165, 221, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 221, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 221, 192 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(165, 221, 136) }
```

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

```
.border{ border-color:rgb(165, 221, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 221, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 221, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 221, 136);  
box-shadow:4px 4px 4px 4px rgb(165, 221,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 221, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 221, 136) }
```

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

```
.background{ background-color: rgb(165,  
221, 136) }
```

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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