

Converting Colors

`RYB(136, 226, 202)`

Have a look what the booklet for
RYB(136, 226, 202) contains.

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Color

R_YB(136, 226, 202)

Conversions

Conversions Part 1

Format	Color
Hex	A0E288
RGB	160, 226, 136
RGB Percent	63%, 89%, 53%
CMY	0.3725, 0.1137, 0.4667
CMYK	0.29, 0.00, 0.40, 0.11
HSL	104°, 61%, 71%
HSV	104°, 40%, 89%
XYZ	46.1375, 63.6439, 33.1453
YIQ	196.0060, -10.4460, -41.9820

Conversions

Conversions Part 2

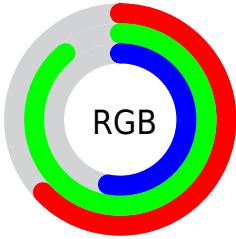
Format	Color
RYB	136, 226, 202
Decimal	10543752
CIELab	83.78, -37.13, 37.49
CIELCh	84, 52.770, 134.722
Yxy	63.6439, 0.3228, 0.4453
Android (android.graphics.Color)	4288733832 (0xFFA0E288)
YUV	196.0060, -29.5830, -31.5773
Hunter-Lab	79.7771, -36.3780, 31.2105

Details

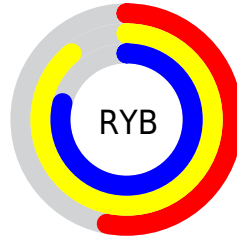
The RYB color **136, 226, 202** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **202, 136, 226**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **190, 255, 228**, and **85, 170, 149** is the 20% darker color. If you saturate the color by 10%, you get **113, 226, 196**, and if you desaturate by 10%, it is **159, 226, 208**.

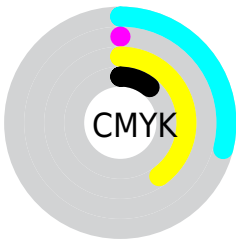
Distribution



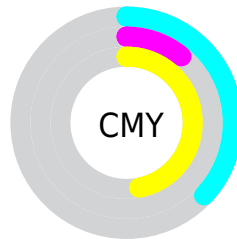
- Red (63%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (79%)



- Cyan (29%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (37%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 226, 202 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, 226, 202 by changing the saturation by 10% instead.

 136, 226, 202


255, 255, 255


 190, 255, 228


 218, 255, 227


 247, 255, 247

 136, 226, 202

 110, 198, 175

 85, 170, 149

 60, 143, 124

 35, 117, 100

 8, 92, 77

 0, 68, 68

 0, 45, 45

 0, 22, 22

 0, 0, 0

 136, 226, 202

 136, 226, 202

 113, 226, 196

 159, 226, 208

 91, 226, 190

 181, 226, 214

 68, 226, 184

 204, 226, 220

 46, 226, 178

 226, 226, 226

 23, 226, 172

 243, 226, 249

 0, 226, 165

 255, 226, 255

 0, 226, 166

Harmonies

Analogous

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



112, 216, 110



136, 226, 202



88, 176, 233

Triad

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



136, 226, 202



61, 149, 255



255, 169, 186

Complementary

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



136, 226, 202



202, 136, 226

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, 236



136, 226, 202



173, 197, 255

Square

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



136, 226, 202



0, 121, 255



245, 187, 255



255, 200, 141

Rectangle

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



136, 226, 202



0, 123, 235



245, 187, 255



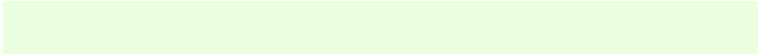
255, 168, 203

Sweetspot

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



136, 226, 202



224, 255, 246



169, 226, 136



110, 128, 124



0, 0, 0



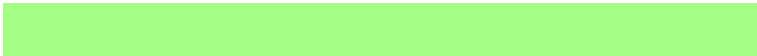
128, 128, 128

Same Dimension

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



136, 226, 202



133, 255, 223



136, 209, 226



101, 112, 109



0, 176, 129



0, 48, 35

Inverse Universe

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



202, 136, 226



222, 133, 255



226, 136, 205



109, 101, 112



129, 0, 176



36, 0, 48

Previews

White Background



This preview shows how the RYB color 136, 226, 202 looks on a white background.

Color Contrast Check

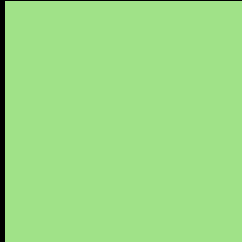
Large Text (above 18pt) WCAG AA × Fail

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, 226, 202 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, 226, 202 Background



This preview shows how black text looks on a background with the RYB color 136, 226, 202.



This preview shows how white text looks on a background with the RYB color 136, 226, 202.

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](#).

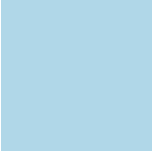
Dichromacy



Original Color
136, 226, 202

Protanopia
153, 227, 129

Deuteranopia
236, 249, 142



Tritanopia
176, 199, 232

Trichromacy



Original Color

136, 226, 202



Protanomaly

132, 215, 144



Deuteranomaly

149, 217, 140



Tritanomaly

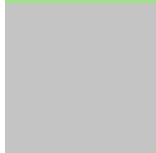
170, 202, 219

Monochromacy



Original Color

136, 226, 202



Achromatopsia

196, 196, 196



Achromatomaly

174, 207, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 226, 202 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(160, 226, 136)` looks like.

```
.text, #text, p{  
    color:rgb(160, 226, 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(160, 226, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 226, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 226, 202 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(160, 226, 136) }
```

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

```
.border{ border-color:rgb(160, 226, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 226, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 226, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 226, 136);  
box-shadow:4px 4px 4px 4px rgb(160, 226,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 226, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 226, 136) }
```

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

```
.background{ background-color: rgb(160,  
226, 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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