

Converting Colors

`RYB(136, 188, 214)`

Have a look what the booklet for
RYB(136, 188, 214) contains.

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Color

R_YB(136, 188, 214)

Conversions

Conversions Part 1

Format	Color
Hex	88D6AF
RGB	136, 214, 175
RGB Percent	53%, 84%, 69%
CMY	0.4667, 0.1608, 0.3137
CMYK	0.36, 0.00, 0.18, 0.16
HSL	150°, 49%, 69%
HSV	150°, 36%, 84%
XYZ	41.9378, 56.4225, 49.2377
YIQ	186.2320, -33.9690, -28.6650

Conversions

Conversions Part 2

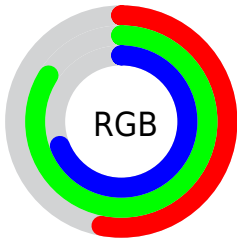
Format	Color
RYB	136, 188, 214
Decimal	8967855
CIELab	79.85, -32.51, 11.75
CIELCh	80, 34.572, 160.126
Yxy	56.4225, 0.2841, 0.3823
Android (android.graphics.Color)	4287157935 (0xFF88D6AF)
YUV	186.2320, -5.5374, -44.0535
Hunter-Lab	75.1149, -31.7919, 13.7159

Details

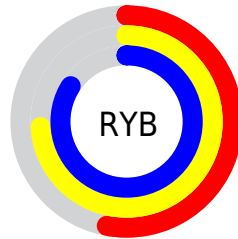
The RYB color **136, 188, 214** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **214, 136, 175**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **192, 231, 255**, and **82, 132, 159** is the 20% darker color. If you saturate the color by 10%, you get **115, 181, 214**, and if you desaturate by 10%, it is **157, 195, 214**.

Distribution



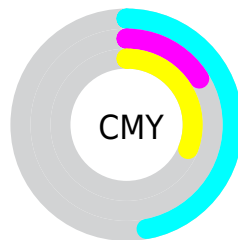
- Red (53%)
- Green (84%)
- Blue (69%)



- Red (53%)
- Yellow (74%)
- Blue (84%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 188, 214 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, 188, 214 by changing the saturation by 10% instead.


 136, 188, 214

255, 255, 255


 192, 231, 255


 220, 238, 255

 250, 253, 255

 136, 188, 214

 109, 160, 186

 82, 132, 159

 55, 104, 132

 25, 76, 107

 0, 51, 82

 0, 38, 58

 0, 32, 37


 0, 0, 0

 136, 188, 214


 136, 188, 214

 115, 181, 214


 157, 195, 214

 93, 173, 214


 179, 203, 214

 72, 167, 214

 200, 209, 214

 50, 159, 214

 222, 214, 218

 29, 152, 214

 243, 214, 229

 8, 145, 214

 255, 214, 239

 0, 143, 214

 255, 214, 250

 255, 214, 255

Harmonies

Analogous

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



148, 208, 182



136, 188, 214



102, 161, 216

Triad

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



136, 188, 214



172, 191, 255



255, 185, 158

Complementary

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



136, 188, 214



214, 136, 175

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, 174, 188



136, 188, 214



216, 186, 247

Square

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



136, 188, 214



124, 175, 255



248, 177, 221



237, 239, 138

Rectangle

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



136, 188, 214



92, 157, 229



248, 177, 221



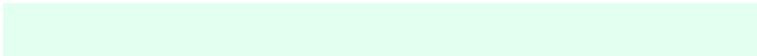
255, 177, 167

Sweetspot

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



136, 188, 214



227, 246, 255



136, 214, 175



111, 123, 128



0, 0, 0



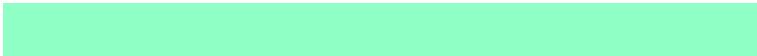
128, 128, 128

Same Dimension

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



136, 188, 214



143, 218, 255



136, 175, 214



96, 103, 107



0, 114, 171



0, 28, 43

Inverse Universe

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



214, 136, 175



255, 143, 199



214, 136, 136



107, 96, 102



171, 0, 85



43, 0, 22

Previews

White Background



This preview shows how the RYB color 136, 188, 214 looks on a white background.

Color Contrast Check

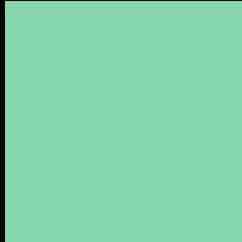
Large Text (above 18pt) WCAG AA × Fail

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, 188, 214 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, 188, 214 Background



This preview shows how black text looks on a background with the RYB color 136, 188, 214.

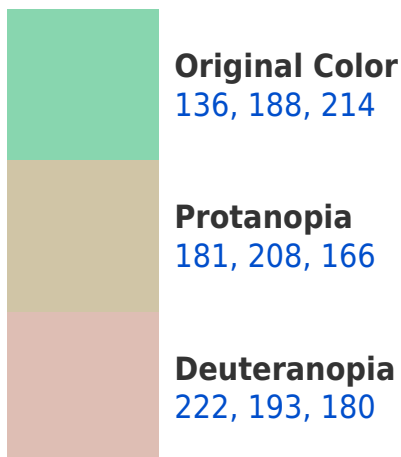


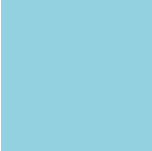
This preview shows how white text looks on a background with the RYB color 136, 188, 214.

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
147, 181, 224

Trichromacy



Original Color

136, 188, 214



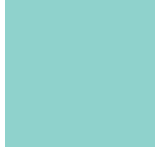
Protanomaly

169, 203, 190



Deuteranomaly

178, 199, 186



Tritanomaly

143, 178, 210

Monochromacy



Original Color

136, 188, 214



Achromatopsia

186, 186, 186



Achromatomaly

168, 187, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 188, 214 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(136, 214, 175) looks like.

```
.text, #text, p{  
    color:rgb(136, 214, 175)  
}
```

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(136, 214, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 214, 175) }
```

Border

The CSS property to change the border of an element to RYB 136, 188, 214 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(136, 214, 175) }
```

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

```
.border{ border-color:rgb(136, 214, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 214, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 214, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 214, 175);  
box-shadow:4px 4px 4px 4px rgb(136, 214,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 136, 188, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 214, 175) }
```

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

```
.background{ background-color: rgb(136,  
214, 175) }
```

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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