

Converting Colors

`RYB(136, 182, 221)`

Have a look what the booklet for
RYB(136, 182, 221) contains.

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Color

R_YB(136, 182, 221)

Conversions

Conversions Part 1

Format	Color
Hex	88DDD0
RGB	136, 221, 208
RGB Percent	53%, 87%, 82%
CMY	0.4667, 0.1333, 0.1841
CMYK	0.38, 0.00, 0.06, 0.13
HSL	171°, 56%, 70%
HSV	171°, 38%, 87%
XYZ	47.4030, 61.5044, 69.0897
YIQ	194.1030, -46.4870, -22.0630

Conversions

Conversions Part 2

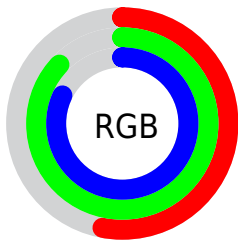
Format	Color
R _Y B	136, 182, 221
Decimal	8969680
CIE Lab	82.65, -28.70, -1.78
CIE LCh	83, 28.752, 183.545
Yxy	61.5044, 0.2663, 0.3455
Android (android.graphics.Color)	4287159760 (0xFF88DDD0)
YUV	194.1030, 6.8512, -50.9563
Hunter-Lab	78.4248, -29.3509, 2.6647

Details

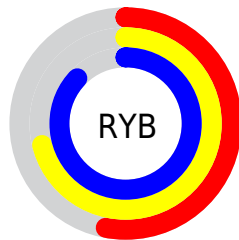
The RYB color **136, 182, 221** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **221, 136, 149**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **193, 224, 255**, and **80, 126, 166** is the 20% darker color. If you saturate the color by 10%, you get **114, 172, 221**, and if you desaturate by 10%, it is **158, 192, 221**.

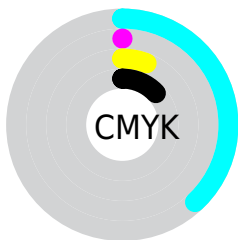
Distribution



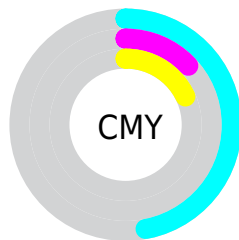
- Red (53%)
- Green (87%)
- Blue (82%)



- Red (53%)
- Yellow (71%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 182, 221 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, 182, 221 by changing the saturation by 10% instead.


 136, 182, 221


255, 255, 255


 193, 224, 255

 222, 239, 255

 251, 253, 255

 136, 182, 221


 108, 154, 193

 80, 126, 166


 52, 98, 139

 15, 67, 113

 0, 46, 88

 0, 34, 64


 0, 23, 42


 0, 10, 17


 0, 0, 0

 136, 182, 221


 136, 182, 221

 114, 172, 221

 158, 192, 221

 92, 162, 221


 180, 202, 221

 70, 152, 221

 202, 212, 221

 48, 142, 221

 224, 221, 222

 25, 131, 221

 247, 221, 225

 3, 121, 221

 255, 221, 228

 0, 120, 221

 255, 221, 232

 255, 221, 235

 255, 221, 238

Harmonies

Analogous

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



162, 205, 219



136, 182, 221



126, 176, 235

Triad

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



136, 182, 221



214, 198, 251



246, 225, 158

Complementary

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



136, 182, 221



221, 136, 149

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, 191, 177



136, 182, 221



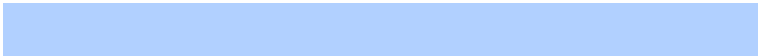
243, 190, 230

Square

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



136, 182, 221



177, 199, 255



255, 186, 203



174, 222, 152

Rectangle

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



136, 182, 221



134, 182, 248



255, 186, 203



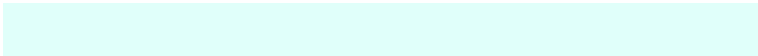
252, 208, 163

Sweetspot

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



136, 182, 221



224, 241, 255



136, 221, 207



110, 120, 128



0, 0, 0



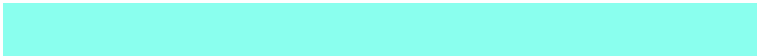
128, 128, 128

Same Dimension

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



136, 182, 221



138, 201, 255



136, 170, 221



99, 105, 110



0, 94, 173



0, 25, 46

Inverse Universe

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



221, 136, 149



255, 138, 156



221, 178, 136



110, 99, 100



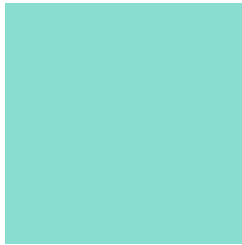
173, 0, 26



46, 0, 7

Previews

White Background



This preview shows how the RYB color 136, 182, 221 looks on a white background.

Color Contrast Check

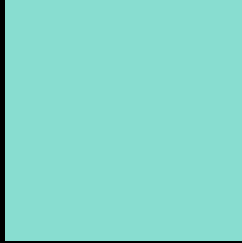
Large Text (above 18pt) WCAG AA × Fail

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, 182, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

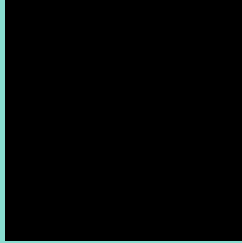
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

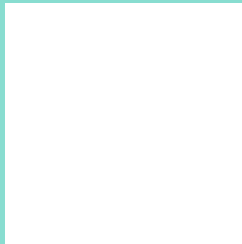
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 136, 182, 221 Background



This preview shows how black text looks on a background with the RYB color 136, 182, 221.



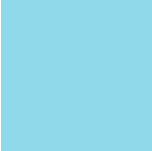
This preview shows how white text looks on a background with the RYB color 136, 182, 221.

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
143, 184, 235

Trichromacy



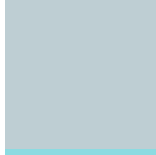
Original Color

136, 182, 221



Protanomaly

183, 199, 210



Deuteranomaly

190, 199, 211



Tritanomaly

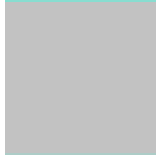
140, 181, 225

Monochromacy



Original Color

136, 182, 221



Achromatopsia

194, 194, 194



Achromatomaly

173, 190, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 182, 221 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, 221, 208)` looks like.

```
.text, #text, p{  
    color:rgb(136, 221, 208)  
}
```

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, 221, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 221, 208) }
```

Border

The CSS property to change the border of an element to RYB 136, 182, 221 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, 221, 208) }
```

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

```
.border{ border-color:rgb(136, 221, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 221, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 221, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 221, 208);  
box-shadow:4px 4px 4px 4px rgb(136, 221,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 136, 182, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 221, 208) }
```

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

```
.background{ background-color: rgb(136,  
221, 208) }
```

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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