

Converting Colors

`RYB(141, 181, 209)`

Have a look what the booklet for
RYB(141, 181, 209) contains.

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Color

R_YB(141, 181, 209)

Conversions

Conversions Part 1

Format	Color
Hex	8DD1BD
RGB	141, 209, 189
RGB Percent	55%, 82%, 74%
CMY	0.4471, 0.1804, 0.2604
CMYK	0.33, 0.00, 0.10, 0.18
HSL	162°, 42%, 69%
HSV	162°, 33%, 82%
XYZ	42.9269, 54.9204, 56.2550
YIQ	186.3880, -34.1080, -20.6360

Conversions

Conversions Part 2

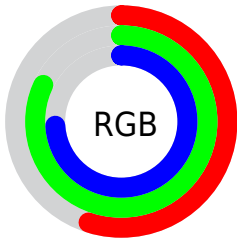
Format	Color
RYB	141, 181, 209
Decimal	9294269
CIELab	79.00, -25.84, 3.30
CIELCh	79, 26.054, 172.720
Yxy	54.9204, 0.2786, 0.3564
Android (android.graphics.Color)	4287484349 (0xFF8DD1BD)
YUV	186.3880, 1.2877, -39.8053
Hunter-Lab	74.1083, -26.2942, 6.8693

Details

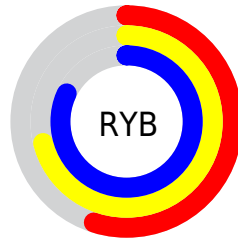
The RYB color **141, 181, 209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **209, 141, 161**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **196, 228, 255**, and **88, 126, 154** is the 20% darker color. If you saturate the color by 10%, you get **120, 172, 209**, and if you desaturate by 10%, it is **162, 190, 209**.

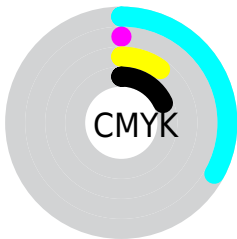
Distribution



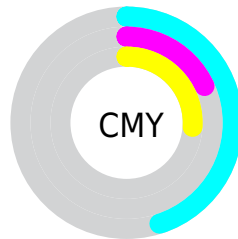
- Red (55%)
- Green (82%)
- Blue (74%)



- Red (55%)
- Yellow (71%)
- Blue (82%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (45%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 181, 209 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 141, 181, 209 by changing the saturation by 10% instead.

 141, 181, 209


255, 255, 255


 196, 228, 255

 225, 240, 255

254, 255, 255

 141, 181, 209

 114, 153, 181

 88, 127, 154

 62, 100, 128

 34, 73, 103

 0, 43, 78


 0, 32, 55

 0, 21, 34


 0, 0, 0

 141, 181, 209


 141, 181, 209

 120, 172, 209


 162, 190, 209

 99, 164, 209


 183, 198, 209

 78, 155, 209


 204, 207, 209

 57, 146, 209

 225, 209, 214

 37, 138, 209

 246, 209, 220

 16, 130, 209

 255, 209, 226

 0, 123, 209

 255, 209, 232

 255, 209, 239

 255, 209, 245

Harmonies

Analogous

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



166, 206, 206



141, 181, 209



126, 168, 213

Triad

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



141, 181, 209



192, 191, 240



238, 197, 158

Complementary

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



141, 181, 209



209, 141, 161

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.



245, 179, 178



141, 181, 209



221, 183, 225

Square

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



141, 181, 209



158, 186, 243



240, 179, 203



192, 219, 148

Rectangle

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



141, 181, 209



128, 172, 228



240, 179, 203



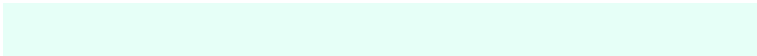
242, 187, 164

Sweetspot

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



141, 181, 209



230, 245, 255



141, 209, 189



112, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



141, 181, 209



156, 214, 255



141, 171, 209



94, 101, 105



0, 99, 168



0, 24, 41

Inverse Universe

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



209, 141, 161



255, 156, 185



209, 159, 141



105, 94, 97



168, 0, 50



41, 0, 12

Previews

White Background



This preview shows how the RYB color 141, 181, 209 looks on a white background.

Color Contrast Check

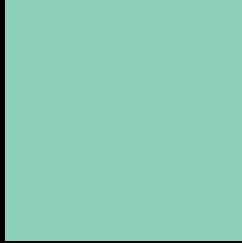
Large Text (above 18pt) WCAG AA × Fail

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 141, 181, 209 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 141, 181, 209 Background



This preview shows how black text looks on a background with the RYB color 141, 181, 209.

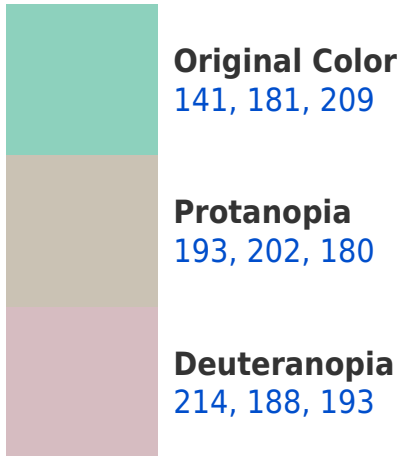


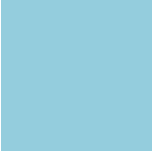
This preview shows how white text looks on a background with the RYB color 141, 181, 209.

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
148, 180, 221

Trichromacy



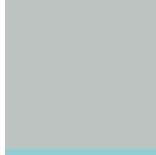
Original Color

141, 181, 209



Protanomaly

180, 196, 199



Deuteranomaly

187, 193, 196



Tritanomaly

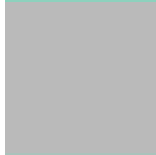
145, 176, 209

Monochromacy



Original Color

141, 181, 209



Achromatopsia

186, 186, 186



Achromatomaly

170, 184, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 181, 209 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(141, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(141, 209, 189)  
}
```

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(141, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 209, 189) }
```

Border

The CSS property to change the border of an element to RYB 141, 181, 209 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(141, 209, 189) }
```

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

```
.border{ border-color:rgb(141, 209, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 209, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 209, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 209, 189); box-shadow:4px 4px 4px 4px rgb(141, 209, 189) }
```

Background

The CSS property to change the background color of an element to RYB 141, 181, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 209, 189) }
```

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

```
.background{ background-color: rgb(141,  
209, 189) }
```

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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