

Converting Colors

`RYB(161, 200, 227)`

Have a look what the booklet for
RYB(161, 200, 227) contains.

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Color

R_YB(161, 200, 227)

Conversions

Conversions Part 1

Format	Color
Hex	A1E3CF
RGB	161, 227, 207
RGB Percent	63%, 89%, 81%
CMY	0.3686, 0.1098, 0.1894
CMYK	0.29, 0.00, 0.09, 0.11
HSL	162°, 54%, 76%
HSV	162°, 29%, 89%
XYZ	53.3919, 67.0052, 68.9537
YIQ	204.9860, -32.9160, -20.2120

Conversions

Conversions Part 2

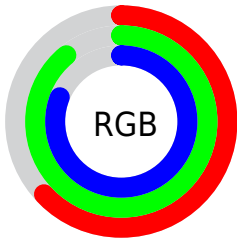
Format	Color
RYB	161, 200, 227
Decimal	10609615
CIELab	85.51, -24.97, 3.26
CIELCh	86, 25.185, 172.559
Yxy	67.0052, 0.2820, 0.3539
Android (android.graphics.Color)	4288799695 (0xFFA1E3CF)
YUV	204.9860, 0.9929, -38.5757
Hunter-Lab	81.8567, -26.8207, 7.3555

Details

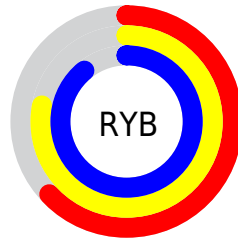
The RYB color **161, 200, 227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 161, 181**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **217, 236, 255**, and **107, 144, 171** is the 20% darker color. If you saturate the color by 10%, you get **138, 190, 227**, and if you desaturate by 10%, it is **184, 209, 227**.

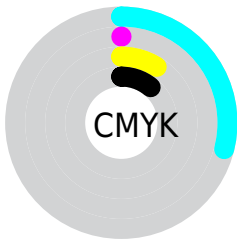
Distribution



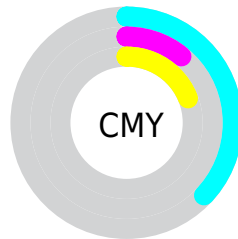
- Red (63%)
- Green (89%)
- Blue (81%)



- Red (63%)
- Yellow (78%)
- Blue (89%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (37%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 161, 200, 227 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 161, 200, 227 by changing the saturation by 10% instead.


 161, 200, 227

 161, 200, 227


255, 255, 255

 134, 172, 199

 217, 236, 255

 107, 145, 171

 246, 251, 255

 81, 118, 145

 55, 92, 119

 28, 66, 94

 0, 39, 70


 0, 27, 47

 0, 20, 28


 0, 0, 0

 161, 200, 227


 161, 200, 227

 138, 190, 227


 184, 209, 227

 116, 182, 227


 206, 218, 227

 93, 172, 227


 229, 227, 228

 70, 163, 227

 252, 227, 235

 48, 154, 227


 255, 227, 242

 25, 144, 227

 255, 227, 249

 2, 135, 227

 255, 227, 255

 0, 134, 227

Harmonies

Analogous

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



184, 224, 223



161, 200, 227



148, 188, 231

Triad

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



161, 200, 227



210, 210, 255



255, 214, 177

Complementary

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



161, 200, 227



227, 161, 181

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, 198, 196



161, 200, 227



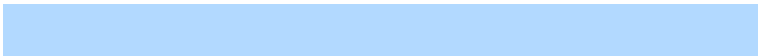
239, 202, 243

Square

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



161, 200, 227



178, 204, 255



255, 197, 221



213, 238, 167

Rectangle

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



161, 200, 227



149, 191, 245



255, 197, 221



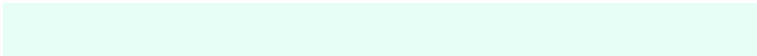
255, 205, 183

Sweetspot

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



161, 200, 227



232, 246, 255



161, 227, 206



113, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



161, 200, 227



166, 218, 255



161, 191, 227



103, 110, 115



0, 106, 179



0, 30, 51

Inverse Universe

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



227, 161, 181



255, 166, 193



227, 176, 161



115, 103, 107



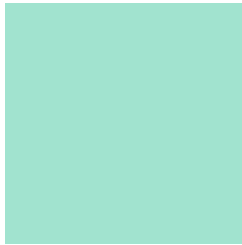
179, 0, 55



51, 0, 16

Previews

White Background



This preview shows how the RYB color 161, 200, 227 looks on a white background.

Color Contrast Check

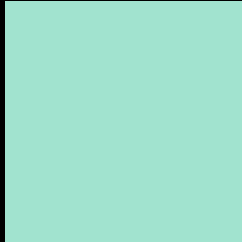
Large Text (above 18pt) WCAG AA × Fail

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 161, 200, 227 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

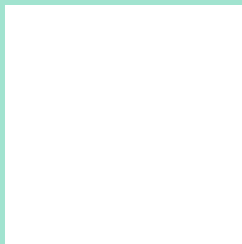
Any Text WCAG AAA ✓ Pass

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

RYB 161, 200, 227 Background



This preview shows how black text looks on a background with the RYB color 161, 200, 227.

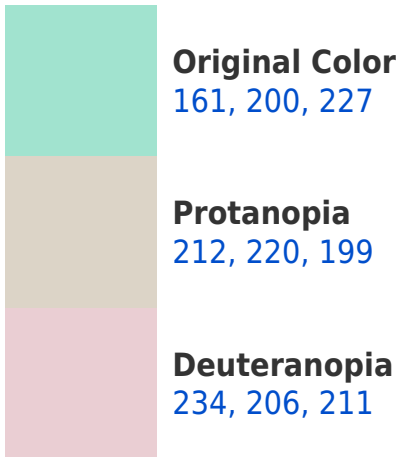



This preview shows how white text looks on a background with the RYB color 161, 200, 227.

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





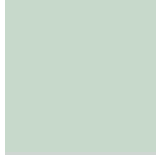
Tritanopia
168, 199, 240

Trichromacy



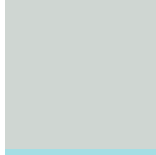
Original Color

161, 200, 227



Protanomaly

199, 214, 217



Deuteranomaly

207, 212, 214



Tritanomaly

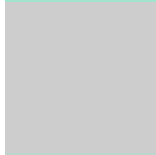
165, 195, 228

Monochromacy



Original Color

161, 200, 227



Achromatopsia

205, 205, 205



Achromatomaly

189, 203, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 200, 227 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(161, 227, 207)` looks like.

```
.text, #text, p{  
    color:rgb(161, 227, 207)  
}
```

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(161, 227, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 227, 207) }
```

Border

The CSS property to change the border of an element to RYB 161, 200, 227 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(161, 227, 207) }
```

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

```
.border{ border-color:rgb(161, 227, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 227, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 227, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 227, 207); box-shadow:4px 4px 4px 4px rgb(161, 227, 207) }
```

Background

The CSS property to change the background color of an element to RYB 161, 200, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 227, 207) }
```

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

```
.background{ background-color: rgb(161,  
227, 207) }
```

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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