

Converting Colors

`RYB(161, 193, 225)`

Have a look what the booklet for
RYB(161, 193, 225) contains.

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Color

R_YB(161, 193, 225)

Conversions

Conversions Part 1

Format	Color
Hex	A1E1E1
RGB	161, 225, 225
RGB Percent	63%, 88%, 88%
CMY	0.3686, 0.1176, 0.1176
CMYK	0.28, 0.00, 0.00, 0.12
HSL	180°, 52%, 76%
HSV	180°, 28%, 88%
XYZ	55.2138, 66.8637, 81.2301
YIQ	205.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

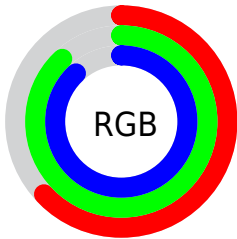
Format	Color
RYB	161, 193, 225
Decimal	10609121
CIELab	85.44, -20.02, -6.50
CIELCh	85, 21.054, 197.991
Yxy	66.8637, 0.2716, 0.3289
Android (android.graphics.Color)	4288799201 (0xFFA1E1E1)
YUV	205.8640, 9.4340, -39.3457
Hunter-Lab	81.7702, -22.5693, -1.6592

Details

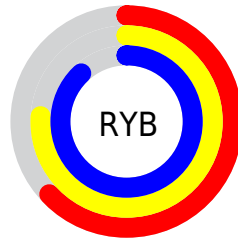
The RYB color **161, 193, 225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 161, 161**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **217, 236, 255**, and **107, 139, 170** is the 20% darker color. If you saturate the color by 10%, you get **139, 182, 225**, and if you desaturate by 10%, it is **184, 205, 225**.

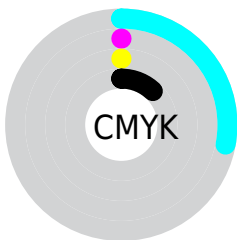
Distribution



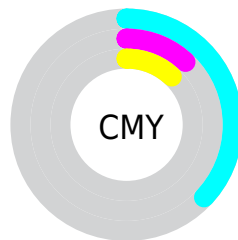
- Red (63%)
- Green (88%)
- Blue (88%)



- Red (63%)
- Yellow (76%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)




- Cyan (37%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 193, 225 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, 193, 225 by changing the saturation by 10% instead.


 161, 193, 225

255, 255, 255


 217, 236, 255

 247, 251, 255

 161, 193, 225


 134, 166, 197

 107, 139, 170


 80, 112, 143

 54, 86, 118


 25, 59, 93


 0, 35, 70


 0, 23, 47

 0, 14, 27

 0, 0, 0

 161, 193, 225


 161, 193, 225

 139, 182, 225


 184, 205, 225

 116, 171, 225


 206, 216, 225

 94, 160, 225


 228, 225, 225


 71, 148, 225


 251, 225, 225

 49, 137, 225

 255, 225, 225

 26, 126, 225

 3, 114, 225

 0, 113, 225

Harmonies

Analogous

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



173, 205, 225



161, 193, 225



164, 198, 242

Triad

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



161, 193, 225



231, 205, 240



226, 237, 175

Complementary

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



161, 193, 225



225, 161, 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.



251, 210, 185



161, 193, 225



249, 200, 222

Square

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



161, 193, 225



207, 211, 251



255, 200, 202



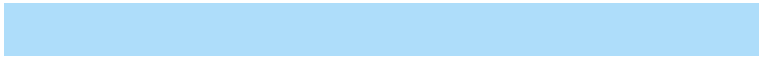
176, 216, 176

Rectangle

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



161, 193, 225



174, 203, 250



255, 200, 202



242, 233, 177

Sweetspot

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



161, 193, 225



232, 244, 255



161, 225, 225



113, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



161, 193, 225



168, 212, 255



161, 182, 225



101, 107, 112



0, 88, 176



0, 24, 48

Inverse Universe

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



225, 161, 225



255, 168, 255



225, 225, 161



112, 101, 112



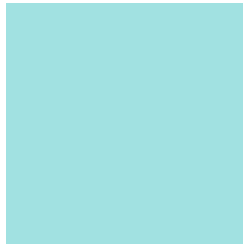
176, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RYB color 161, 193, 225 looks on a white background.

Color Contrast Check

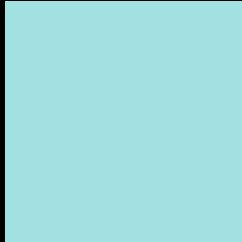
Large Text (above 18pt) WCAG AA × Fail

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, 193, 225 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, 193, 225 Background



This preview shows how black text looks on a background with the RYB color 161, 193, 225.

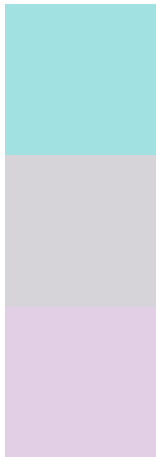


This preview shows how white text looks on a background with the RYB color 161, 193, 225.

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
161, 193, 225

Protanopia
215, 212, 217

Deuteranopia
226, 207, 229



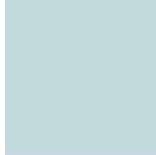
Tritanopia
165, 198, 240

Trichromacy



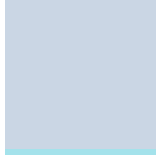
Original Color

161, 193, 225



Protanomaly

195, 207, 220



Deuteranomaly

202, 210, 228



Tritanomaly

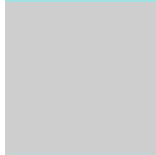
164, 197, 235

Monochromacy



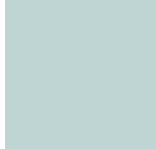
Original Color

161, 193, 225



Achromatopsia

206, 206, 206



Achromatomaly

190, 202, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 193, 225 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, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(161, 225, 225)  
}
```

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, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 225, 225) }
```

Border

The CSS property to change the border of an element to RYB 161, 193, 225 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, 225, 225) }
```

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

```
.border{ border-color:rgb(161, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(161, 225,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 161, 193, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 225, 225) }
```

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

```
.background{ background-color: rgb(161,  
225, 225) }
```

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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