

Converting Colors

`RYB(161, 178, 227)`

Have a look what the booklet for
RYB(161, 178, 227) contains.

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Color

$\text{RYB}(161, 178, 227)$

Conversions

Conversions Part 1

Format	Color
Hex	A1B8E3
RGB	161, 184, 227
RGB Percent	63%, 72%, 89%
CMY	0.3686, 0.2788, 0.1098
CMYK	0.29, 0.19, 0.00, 0.11
HSL	219°, 54%, 76%
HSV	219°, 29%, 89%
XYZ	45.6824, 47.3617, 79.4071
YIQ	182.0250, -27.5110, 8.4970

Conversions

Conversions Part 2

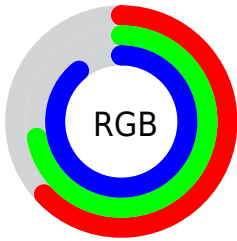
Format	Color
RYB	161, 178, 227
Decimal	10598627
CIELab	74.42, 1.91, -24.13
CIElCh	74, 24.202, 274.536
Yxy	47.3617, 0.2649, 0.2746
Android (android.graphics.Color)	4288788707 (0xFFA1B8E3)
YUV	182.0250, 22.1727, -18.4389
Hunter-Lab	68.8199, -1.9471, -20.2372

Details

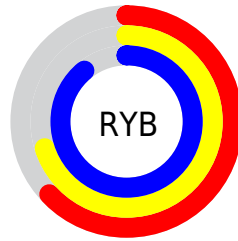
The RYB color **161, 178, 227** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **196, 227, 161**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **217, 231, 255**, and **108, 125, 172** is the 20% darker color. If you saturate the color by 10%, you get **138, 161, 227**, and if you desaturate by 10%, it is **184, 195, 227**.

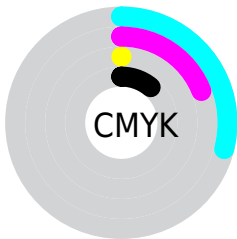
Distribution



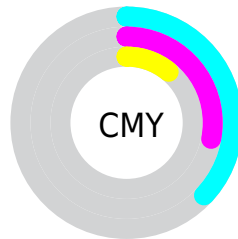
- Red (63%)
- Green (72%)
- Blue (89%)



- Red (63%)
- Yellow (70%)
- Blue (89%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)




- Cyan (37%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 178, 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, 178, 227 by changing the saturation by 10% instead.


 161, 178, 227

255, 255, 255

 217, 231, 255

 246, 251, 255


 161, 178, 227

 134, 151, 199


 108, 125, 172

 82, 99, 145

 57, 75, 119

 31, 50, 94

 0, 25, 70

 0, 13, 48

 0, 1, 27

 0, 0, 0

■ 161, 178, 227

■ 161, 178, 227

■ 138, 161, 227

■ 184, 195, 227

■ 116, 144, 227

■ 206, 212, 227

■ 93, 127, 227

■ 229, 229, 227

■ 70, 111, 227

■ 241, 252, 227

■ 48, 94, 227

■ 227, 255, 227

■ 25, 77, 227

■ 2, 60, 227

■ 0, 59, 227

Harmonies

Analogous

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



133, 168, 223



161, 178, 227



191, 176, 220

Triad

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



161, 178, 227



227, 171, 159



147, 182, 194

Complementary

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



161, 178, 227



196, 227, 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.



146, 189, 163



161, 178, 227



216, 198, 144

Square

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



161, 178, 227



227, 167, 180



156, 196, 139



126, 164, 196

Rectangle

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



161, 178, 227



208, 172, 209



156, 196, 139



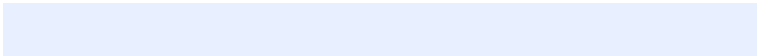
155, 191, 193

Sweetspot

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



161, 178, 227



232, 238, 255



161, 201, 227



113, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



161, 178, 227



166, 189, 255



171, 161, 227



103, 106, 115



0, 46, 179



0, 13, 51

Inverse Universe

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



227, 161, 184



255, 166, 197



161, 227, 171



115, 103, 107



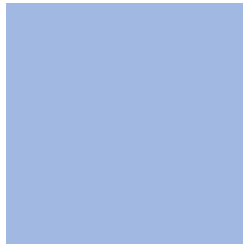
179, 0, 62



51, 0, 18

Previews

White Background



This preview shows how the RYB color 161, 178, 227 looks on a white background.

Color Contrast Check

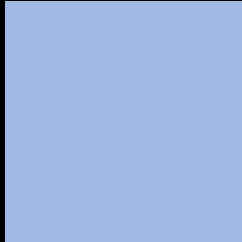
Large Text (above 18pt) WCAG AA × Fail

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, 178, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

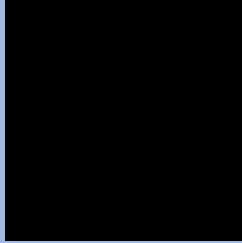
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

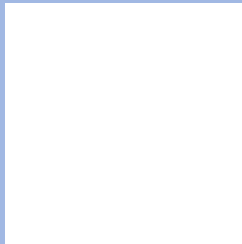
Any Text WCAG AAA ✓ Pass

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

RYB 161, 178, 227 Background



This preview shows how black text looks on a background with the RYB color 161, 178, 227.



This preview shows how white text looks on a background with the RYB color 161, 178, 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



Original Color
161, 178, 227

Protanopia
173, 180, 225

Deuteranopia
177, 179, 228



Tritanopia
156, 175, 203

Trichromacy



Original Color
161, 178, 227

Protanomaly
169, 180, 226

Deuteranomaly
171, 180, 228

Tritanomaly
158, 177, 212

Monochromacy



Original Color
161, 178, 227

Achromatopsia
182, 182, 182

Achromatomaly
174, 181, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 178, 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, 184, 227)` looks like.

```
.text, #text, p{  
    color:rgb(161, 184, 227)  
}
```

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, 184, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 184, 227) }
```

Border

The CSS property to change the border of an element to RYB 161, 178, 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, 184, 227) }
```

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

```
.border{ border-color:rgb(161, 184, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 184, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 184, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 184, 227);  
box-shadow:4px 4px 4px 4px rgb(161, 184,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 161, 178, 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, 184, 227) }
```

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

```
.background{ background-color: rgb(161,  
184, 227) }
```

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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