

Converting Colors

`RYB(161, 198, 241)`

Have a look what the booklet for RYB(161, 198, 241) contains.

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Color

R_YB(161, 198, 241)

Conversions

Conversions Part 1

Format	Color
Hex	A1E6F1
RGB	161, 230, 241
RGB Percent	63%, 90%, 95%
CMY	0.3686, 0.0987, 0.0549
CMYK	0.33, 0.05, 0.00, 0.05
HSL	188°, 74%, 79%
HSV	188°, 33%, 95%
XYZ	58.8267, 70.4310, 93.7131
YIQ	210.6230, -44.6550, -11.2070

Conversions

Conversions Part 2

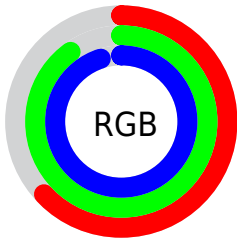
Format	Color
RYB	161, 198, 241
Decimal	10610417
CIELab	87.21, -18.76, -12.30
CIELCh	87, 22.430, 213.252
Yxy	70.4310, 0.2638, 0.3159
Android (android.graphics.Color)	4288800497 (0xFFA1E6F1)
YUV	210.6230, 14.9759, -43.5194
Hunter-Lab	83.9232, -21.7445, -7.4602

Details

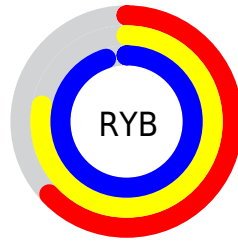
The RYB color **161, 198, 241** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **241, 174, 161**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **218, 237, 255**, and **106, 143, 185** is the 20% darker color. If you saturate the color by 10%, you get **137, 185, 241**, and if you desaturate by 10%, it is **185, 211, 241**.

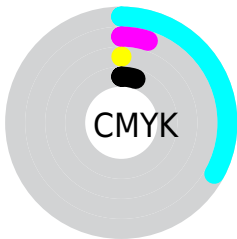
Distribution



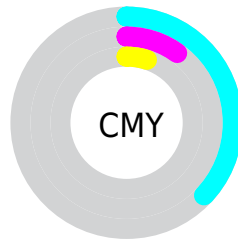
- Red (63%)
- Green (90%)
- Blue (95%)



- Red (63%)
- Yellow (78%)
- Blue (95%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)





- Cyan (37%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 161, 198, 241 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, 198, 241 by changing the saturation by 10% instead.

 161, 198, 241

 161, 198, 241


255, 255, 255

 133, 170, 213

 218, 237, 255

 106, 143, 185

 247, 251, 255

 79, 116, 158

 51, 89, 132


 16, 59, 107


 0, 39, 83


 0, 27, 59

 0, 17, 38

 0, 1, 17

 161, 198, 241


 161, 198, 241

 137, 185, 241


 185, 211, 241

 113, 172, 241


 209, 224, 241

 89, 159, 241


 233, 237, 241

 65, 146, 241


 255, 243, 241

 41, 133, 241

 255, 252, 241

 16, 120, 241

 249, 255, 241

 0, 111, 241

 243, 255, 241

 241, 255, 241

Harmonies

Analogous

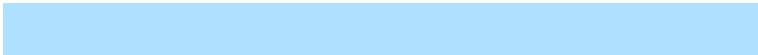
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167, 202, 231



161, 198, 241



173, 205, 255

Triad

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



161, 198, 241



248, 206, 238



196, 233, 176

Complementary

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



161, 198, 241



241, 174, 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.



252, 233, 181



161, 198, 241



255, 204, 217

Square

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



161, 198, 241



225, 212, 254



255, 207, 196



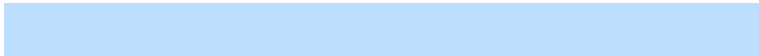
183, 224, 198

Rectangle

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



161, 198, 241



188, 211, 255



255, 207, 196



218, 240, 177

Sweetspot

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



161, 198, 241



230, 241, 255



161, 231, 241



112, 119, 128



0, 0, 0



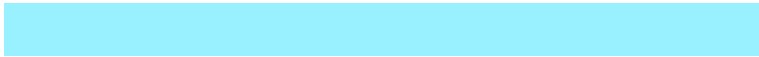
128, 128, 128

Same Dimension

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



161, 198, 241



153, 200, 255



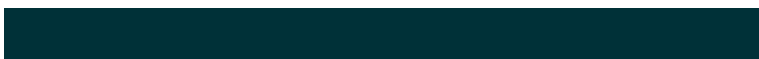
161, 182, 241



108, 113, 120



0, 85, 184



0, 26, 56

Inverse Universe

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



241, 161, 230



255, 153, 241



206, 241, 161



120, 108, 118



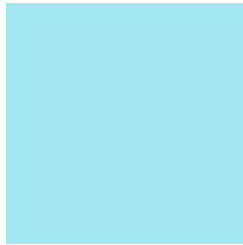
184, 0, 158



56, 0, 48

Previews

White Background



This preview shows how the RYB color 161, 198, 241 looks on a white background.

Color Contrast Check

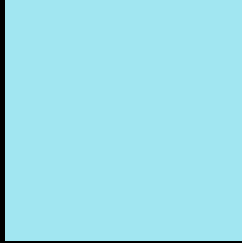
Large Text (above 18pt) WCAG AA × Fail

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, 198, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

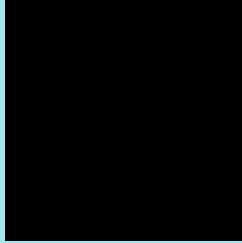
Any Text WCAG AA ✓ Pass

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, 198, 241 Background



This preview shows how black text looks on a background with the RYB color 161, 198, 241.

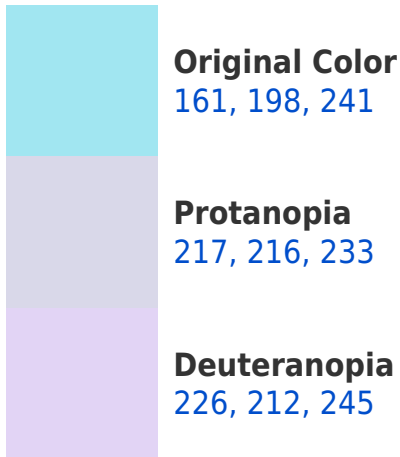


This preview shows how white text looks on a background with the RYB color 161, 198, 241.

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



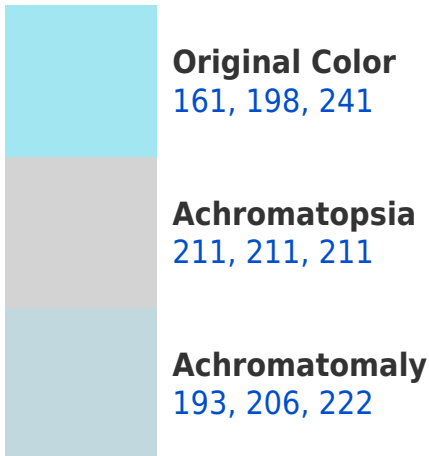


Tritanopia
163, 200, 247

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 198, 241 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, 230, 241)` looks like.

```
.text, #text, p{  
    color:rgb(161, 230, 241)  
}
```

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, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 230, 241) }
```

Border

The CSS property to change the border of an element to RYB 161, 198, 241 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, 230, 241) }
```

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

```
.border{ border-color:rgb(161, 230, 241) }
```

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

Here you see how a box with a 4 pixel rgb(161, 230, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(161, 230,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 161, 198, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 230, 241) }
```

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

```
.background{ background-color: rgb(161,  
230, 241) }
```

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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