

Converting Colors

`RYB(162, 201, 239)`

Have a look what the booklet for
RYB(162, 201, 239) contains.

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Color

R_YB(162, 201, 239)

Conversions

Conversions Part 1

Format	Color
Hex	A2EFED
RGB	162, 239, 237
RGB Percent	64%, 94%, 93%
CMY	0.3647, 0.0627, 0.0705
CMYK	0.32, 0.00, 0.01, 0.06
HSL	178°, 71%, 79%
HSV	178°, 32%, 94%
XYZ	61.0566, 75.5303, 91.5012
YIQ	215.7490, -45.2500, -16.9460

Conversions

Conversions Part 2

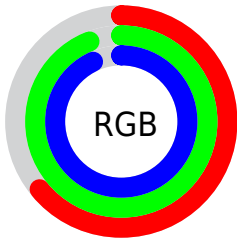
Format	Color
R_{YB}	162, 201, 239
Decimal	10678253
CIE _{Lab}	89.64, -23.93, -6.60
CIE _{LCh}	90, 24.820, 195.411
Yxy	75.5303, 0.2677, 0.3311
Android (android.graphics.Color)	4288868333 (0xFFA2EFED)
YUV	215.7490, 10.4767, -47.1379
Hunter-Lab	86.9082, -26.6856, -1.5877

Details

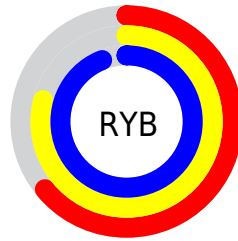
The RYB color **162, 201, 239** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **239, 162, 164**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **219, 237, 255**, and **107, 146, 183** is the 20% darker color. If you saturate the color by 10%, you get **138, 189, 239**, and if you desaturate by 10%, it is **186, 213, 239**.

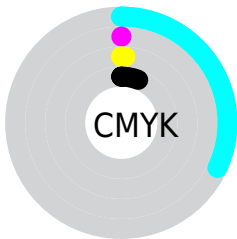
Distribution



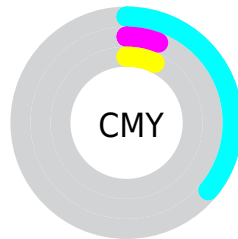
- Red (64%)
- Green (94%)
- Blue (93%)



- Red (64%)
- Yellow (79%)
- Blue (94%)



- Cyan (32%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (36%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RYB color 162, 201, 239 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 162, 201, 239 by changing the saturation by 10% instead.


 162, 201, 239

 162, 201, 239


255, 255, 255


 134, 173, 211

 219, 237, 255

 107, 146, 183

 249, 252, 255


 79, 118, 156

 51, 91, 130

 16, 60, 104

 0, 40, 80

 0, 28, 57

 0, 18, 35

 0, 1, 14

162, 201, 239

162, 201, 239

138, 189, 239

186, 213, 239

114, 177, 239

210, 225, 239

90, 166, 239

234, 237, 239

66, 154, 239

255, 239, 239

42, 142, 239

255, 239, 240

19, 131, 239

255, 239, 241

0, 121, 239

255, 239, 242

255, 239, 243

Harmonies

Analogous

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



178, 216, 238



162, 201, 239



163, 204, 255

Triad

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



162, 201, 239



244, 215, 255



243, 254, 180

Complementary

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



162, 201, 239



239, 162, 164

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, 223, 193



162, 201, 239



255, 210, 238

Square

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



162, 201, 239



214, 221, 255



255, 209, 214



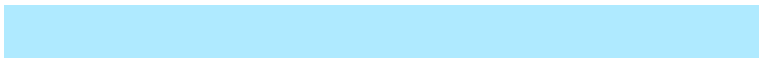
183, 231, 180

Rectangle

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



162, 201, 239



175, 209, 255



255, 209, 214



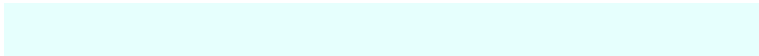
255, 247, 183

Sweetspot

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



162, 201, 239



230, 243, 255



162, 239, 236



112, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 201, 239



156, 206, 255



162, 189, 239



108, 114, 120



0, 93, 184



0, 28, 56

Inverse Universe

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



239, 162, 164



255, 156, 158



239, 230, 162



120, 108, 108



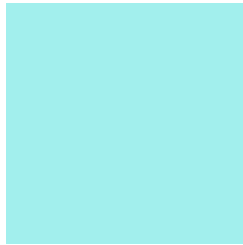
184, 0, 5



56, 0, 1

Previews

White Background



This preview shows how the RYB color 162, 201, 239 looks on a white background.

Color Contrast Check

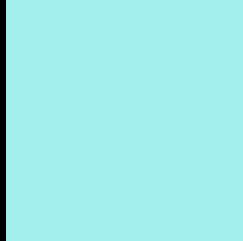
Large Text (above 18pt) WCAG AA × Fail

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 162, 201, 239 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 162, 201, 239 Background



This preview shows how black text looks on a background with the RYB color 162, 201, 239.

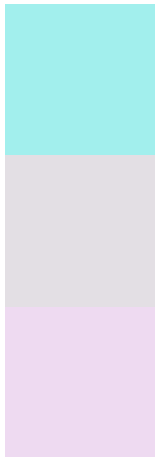


This preview shows how white text looks on a background with the RYB color 162, 201, 239.

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
162, 201, 239

Protanopia
227, 223, 228

Deuteranopia
238, 218, 241



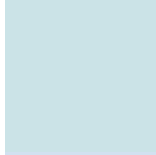
Tritanopia
167, 206, 255

Trichromacy



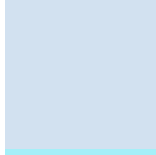
Original Color

162, 201, 239



Protanomaly

203, 216, 231



Deuteranomaly

210, 220, 240



Tritanomaly

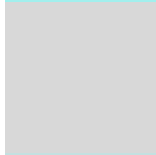
165, 204, 248

Monochromacy



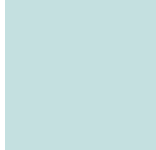
Original Color

162, 201, 239



Achromatopsia

216, 216, 216



Achromatomaly

196, 210, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 201, 239 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(162, 239, 237)` looks like.

```
.text, #text, p{  
    color:rgb(162, 239, 237)  
}
```

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(162, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 239, 237) }
```

Border

The CSS property to change the border of an element to RYB 162, 201, 239 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(162, 239, 237) }
```

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

```
.border{ border-color:rgb(162, 239, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 239, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(162, 239,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 162, 201, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 239, 237) }
```

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

```
.background{ background-color: rgb(162,  
239, 237) }
```

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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