

Converting Colors

`RYB(162, 218, 254)`

Have a look what the booklet for
RYB(162, 218, 254) contains.

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Color

R_YB(162, 218, 254)

Conversions

Conversions Part 1

Format	Color
Hex	A2FEDD
RGB	162, 254, 221
RGB Percent	64%, 100%, 87%
CMY	0.3647, 0.0039, 0.1328
CMYK	0.36, 0.00, 0.13, 0.00
HSL	159°, 98%, 82%
HSV	159°, 36%, 100%
XYZ	63.4123, 83.7931, 81.3380
YIQ	222.7300, -44.2390, -29.7670

Conversions

Conversions Part 2

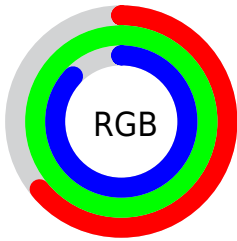
Format	Color
RYB	162, 218, 254
Decimal	10682077
CIELab	93.36, -34.48, 7.08
CIELCh	93, 35.202, 168.395
Yxy	83.7931, 0.2775, 0.3666
Android (android.graphics.Color)	4288872157 (0xFFA2FEDD)
YUV	222.7300, -0.8529, -53.2602
Hunter-Lab	91.5386, -36.5386, 11.3940

Details

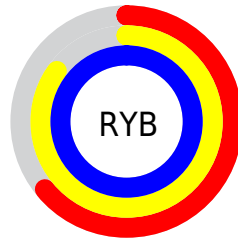
The RYB color **162, 218, 254** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **254, 162, 195**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **219, 237, 255**, and **106, 161, 197** is the 20% darker color. If you saturate the color by 10%, you get **137, 208, 254**, and if you desaturate by 10%, it is **187, 228, 254**.

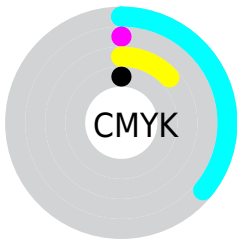
Distribution



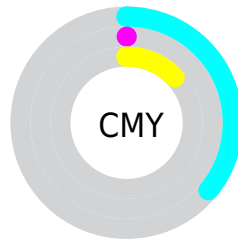
- Red (64%)
- Green (100%)
- Blue (87%)



- Red (64%)
- Yellow (85%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 218, 254 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, 218, 254 by changing the saturation by 10% instead.


 162, 218, 254

255, 255, 255


 219, 237, 255


 249, 252, 255

 162, 218, 254

 134, 189, 225

 106, 161, 197

 78, 132, 169

 49, 105, 143

 9, 71, 117

 0, 53, 91

 0, 40, 67

 0, 28, 44

 0, 20, 20

■ 162, 218, 254

■ 162, 218, 254

■ 137, 208, 254

■ 187, 228, 254

■ 111, 198, 254

■ 213, 238, 254

■ 86, 188, 254

■ 238, 248, 254

■ 60, 178, 254

255, 254, 255

■ 35, 168, 254

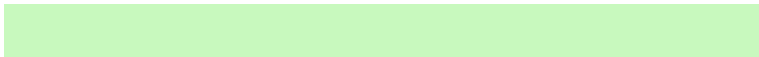
■ 10, 158, 254

■ 0, 155, 254

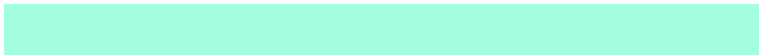
Harmonies

Analogous

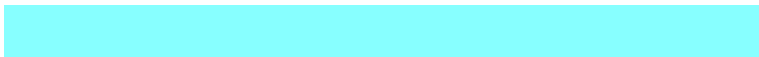
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190, 249, 239



162, 218, 254



135, 195, 255

Triad

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



162, 218, 254



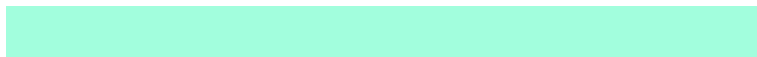
223, 230, 255



255, 244, 187

Complementary

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



162, 218, 254



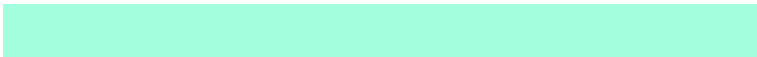
254, 162, 195

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, 212, 216



162, 218, 254



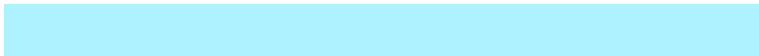
255, 220, 255

Square

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



162, 218, 254



174, 211, 255



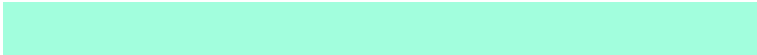
255, 212, 251



207, 255, 170

Rectangle

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



162, 218, 254



133, 193, 255



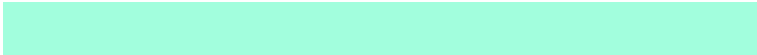
255, 212, 251



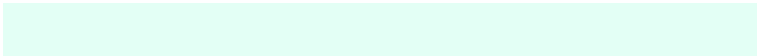
255, 225, 195

Sweetspot

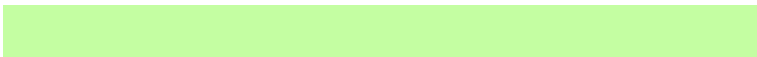
The Sweet Spot groups the original color and five complimentary colors.



162, 218, 254



227, 244, 255



162, 254, 220



111, 121, 128



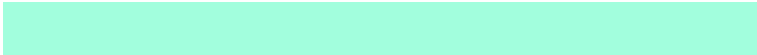
0, 0, 0



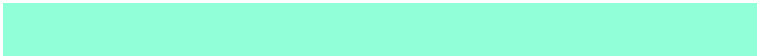
128, 128, 128

Same Dimension

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



162, 218, 254



145, 212, 255



162, 205, 254



115, 123, 128



0, 116, 191



0, 39, 64

Inverse Universe

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



254, 162, 195



255, 145, 185



254, 176, 162



128, 115, 119



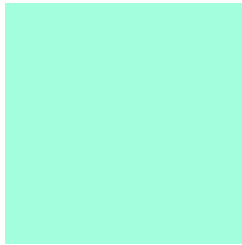
191, 0, 68



64, 0, 23

Previews

White Background



This preview shows how the RYB color 162, 218, 254 looks on a white background.

Color Contrast Check

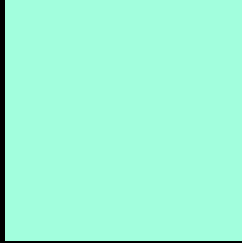
Large Text (above 18pt) WCAG AA × Fail

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, 218, 254 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

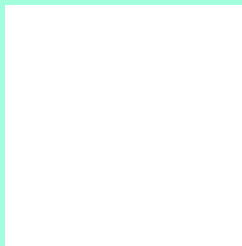
Any Text WCAG AAA ✓ Pass

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

R Y B 162, 218, 254 Background



This preview shows how black text looks on a background with the RYB color 162, 218, 254.

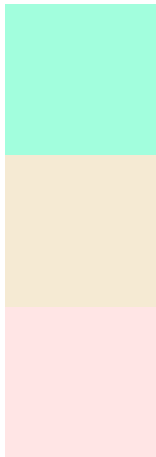


This preview shows how white text looks on a background with the RYB color 162, 218, 254.

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, 218, 254

Protanopia
227, 245, 211

Deuteranopia
255, 229, 229



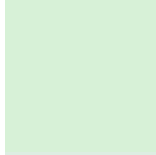
Tritanopia
200, 224, 255

Trichromacy



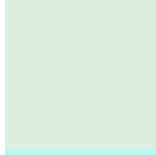
Original Color

162, 218, 254



Protanomaly

215, 241, 241



Deuteranomaly

221, 234, 238



Tritanomaly

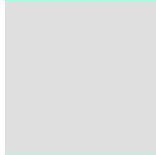
186, 218, 247

Monochromacy



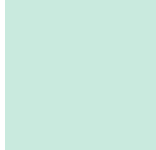
Original Color

162, 218, 254



Achromatopsia

223, 223, 223



Achromatomaly

201, 221, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 218, 254 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, 254, 221)` looks like.

```
.text, #text, p{  
    color:rgb(162, 254, 221)  
}
```

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, 254, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 254, 221) }
```

Border

The CSS property to change the border of an element to RYB 162, 218, 254 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, 254, 221) }
```

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

```
.border{ border-color:rgb(162, 254, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 254, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 254, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 254, 221);  
box-shadow:4px 4px 4px 4px rgb(162, 254,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 162, 218, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 254, 221) }
```

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

```
.background{ background-color: rgb(162,  
254, 221) }
```

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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