

Converting Colors

`RYB(162, 214, 252)`

Have a look what the booklet for
RYB(162, 214, 252) contains.

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Color

R_YB(162, 214, 252)

Conversions

Conversions Part 1

Format	Color
Hex	A2FCE4
RGB	162, 252, 228
RGB Percent	64%, 99%, 89%
CMY	0.3647, 0.0118, 0.1068
CMYK	0.36, 0.00, 0.10, 0.01
HSL	164°, 94%, 81%
HSV	164°, 36%, 99%
XYZ	63.6823, 82.8908, 85.8741
YIQ	222.3540, -45.9360, -26.5440

Conversions

Conversions Part 2

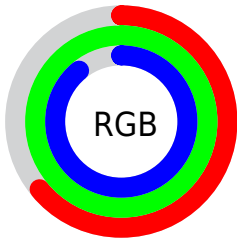
Format	Color
RYB	162, 214, 252
Decimal	10681572
CIELab	92.97, -32.16, 3.09
CIElCh	93, 32.313, 174.513
Yxy	82.8908, 0.2740, 0.3566
Android (android.graphics.Color)	4288871652 (0xFFA2FCE4)
YUV	222.3540, 2.7835, -52.9305
Hunter-Lab	91.0444, -34.4734, 7.8081

Details

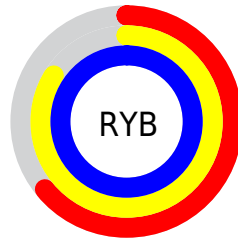
The RYB color **162, 214, 252** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **252, 162, 186**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **219, 237, 255**, and **106, 157, 195** is the 20% darker color. If you saturate the color by 10%, you get **137, 203, 252**, and if you desaturate by 10%, it is **187, 224, 252**.

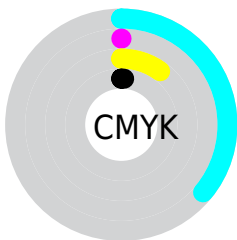
Distribution



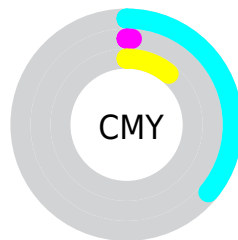
- Red (64%)
- Green (99%)
- Blue (89%)



- Red (64%)
- Yellow (84%)
- Blue (99%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (36%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 162, 214, 252 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, 214, 252 by changing the saturation by 10% instead.

 162, 214, 252

 162, 214, 252


255, 255, 255


 134, 185, 223

 219, 237, 255

 106, 157, 195

 249, 252, 255

 78, 129, 168


 49, 101, 141

 9, 68, 115

 0, 50, 90

 0, 38, 66

 0, 26, 43

 0, 15, 18

■ 162, 214, 252

■ 162, 214, 252

■ 137, 203, 252

■ 187, 224, 252

■ 112, 193, 252

■ 212, 235, 252

■ 86, 182, 252

■ 238, 246, 252

■ 61, 171, 252

■ 255, 252, 255

■ 36, 161, 252

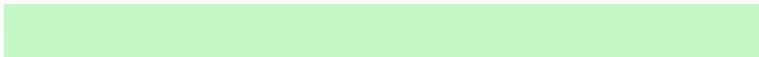
■ 11, 150, 252

■ 0, 146, 252

Harmonies

Analogous

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



195, 245, 248



162, 214, 252



143, 198, 255

Triad

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



162, 214, 252



232, 229, 255



251, 255, 185

Complementary

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



162, 214, 252



252, 162, 186

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, 214, 210



162, 214, 252



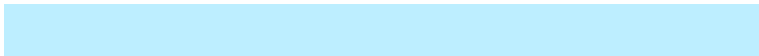
255, 219, 255

Square

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



162, 214, 252



189, 217, 255



255, 213, 242



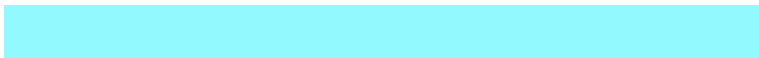
207, 255, 173

Rectangle

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



162, 214, 252



146, 199, 255



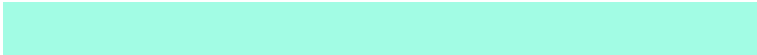
255, 213, 242



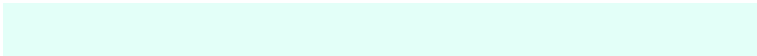
255, 235, 193

Sweetspot

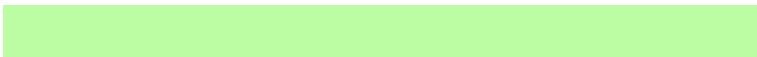
The Sweet Spot groups the original color and five complimentary colors.



162, 214, 252



227, 243, 255



162, 252, 226



111, 121, 128



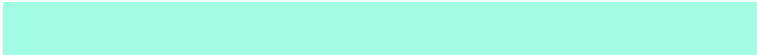
0, 0, 0



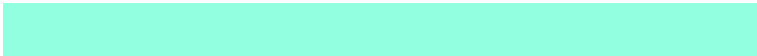
128, 128, 128

Same Dimension

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



162, 214, 252



145, 209, 255



162, 202, 252



112, 119, 125



0, 109, 189



0, 35, 61

Inverse Universe

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



252, 162, 186



255, 145, 175



252, 186, 162



125, 112, 116



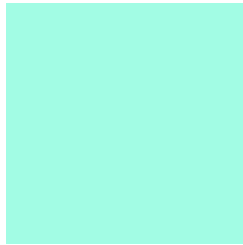
189, 0, 51



61, 0, 16

Previews

White Background



This preview shows how the RYB color 162, 214, 252 looks on a white background.

Color Contrast Check

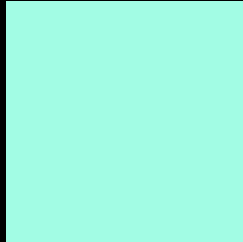
Large Text (above 18pt) WCAG AA × Fail

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, 214, 252 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, 214, 252 Background



This preview shows how black text looks on a background with the RYB color 162, 214, 252.



This preview shows how white text looks on a background with the RYB color 162, 214, 252.

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





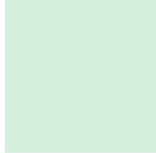
Tritanopia
197, 222, 255

Trichromacy



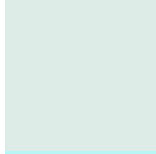
Original Color

162, 214, 252



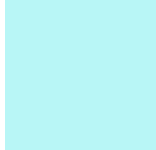
Protanomaly

213, 234, 240



Deuteranomaly

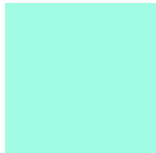
221, 230, 236



Tritanomaly

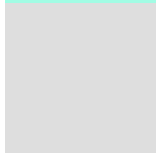
184, 215, 246

Monochromacy



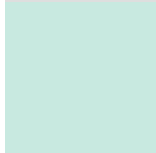
Original Color

162, 214, 252



Achromatopsia

222, 222, 222



Achromatomaly

200, 219, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 214, 252 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, 252, 228)` looks like.

```
.text, #text, p{  
    color:rgb(162, 252, 228)  
}
```

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, 252, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 252, 228) }
```

Border

The CSS property to change the border of an element to RYB 162, 214, 252 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, 252, 228) }
```

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

```
.border{ border-color:rgb(162, 252, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 252, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 252, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 252, 228); box-shadow:4px 4px 4px 4px rgb(162, 252, 228) }
```

Background

The CSS property to change the background color of an element to RYB 162, 214, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 252, 228) }
```

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

```
.background{ background-color: rgb(162,  
252, 228) }
```

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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