

Converting Colors

`RYB(152, 202, 253)`

Have a look what the booklet for RYB(152, 202, 253) contains.

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Color

R_YB(152, 202, 253)

Conversions

Conversions Part 1

Format	Color
Hex	98FBFD
RGB	152, 251, 253
RGB Percent	60%, 98%, 99%
CMY	0.4039, 0.0156, 0.0078
CMYK	0.40, 0.01, 0.00, 0.01
HSL	181°, 96%, 79%
HSV	181°, 40%, 99%
XYZ	65.1818, 82.7739, 105.4700
YIQ	221.6270, -59.6460, -20.3660

Conversions

Conversions Part 2

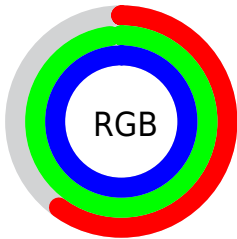
Format	Color
RYB	152, 202, 253
Decimal	10025981
CIELab	92.92, -28.54, -10.10
CIElCh	93, 30.272, 199.496
Yxy	82.7739, 0.2572, 0.3266
Android (android.graphics.Color)	4288216061 (0xFF98FBFD)
YUV	221.6270, 15.4669, -61.0629
Hunter-Lab	90.9801, -31.3307, -5.0467

Details

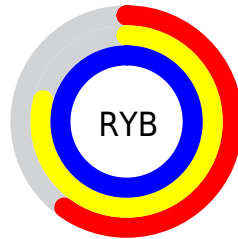
The RYB color **152, 202, 253** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **253, 154, 152**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **210, 233, 255**, and **94, 144, 196** is the 20% darker color. If you saturate the color by 10%, you get **127, 189, 253**, and if you desaturate by 10%, it is **177, 215, 253**.

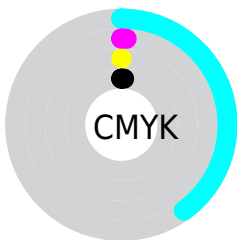
Distribution



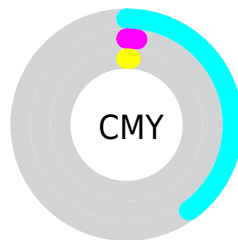
- Red (60%)
- Green (98%)
- Blue (99%)



- Red (60%)
- Yellow (79%)
- Blue (99%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 202, 253 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 152, 202, 253 by changing the saturation by 10% instead.


 152, 202, 253


255, 255, 255


 210, 233, 255

 240, 248, 255

 152, 202, 253

 123, 173, 224

 94, 144, 196

 63, 115, 169


 24, 83, 143

 0, 58, 117

 0, 45, 93

 0, 33, 69

 0, 22, 47


 0, 11, 26

 152, 202, 253


 152, 202, 253

 127, 189, 253


 177, 215, 253

 101, 176, 253


 203, 228, 253

 76, 164, 253

 228, 241, 253

 51, 151, 253

 253, 253, 253

 25, 138, 253

255, 255, 253

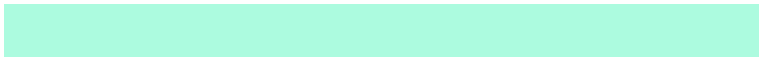
 0, 125, 253

253, 255, 253

Harmonies

Analogous

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



172, 220, 251



152, 202, 253



156, 204, 255

Triad

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



152, 202, 253



255, 221, 255



217, 255, 178

Complementary

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



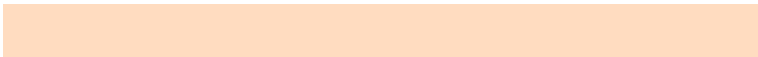
152, 202, 253



253, 154, 152

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, 242, 192



152, 202, 253



255, 215, 246

Square

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



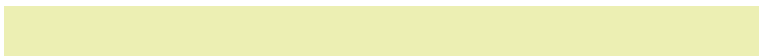
152, 202, 253



226, 230, 255



255, 214, 217



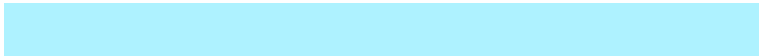
179, 239, 182

Rectangle

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



152, 202, 253



174, 211, 255



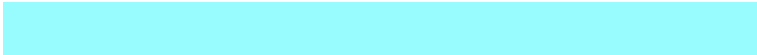
255, 214, 217



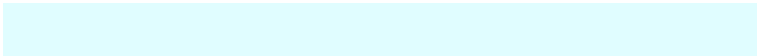
229, 255, 181

Sweetspot

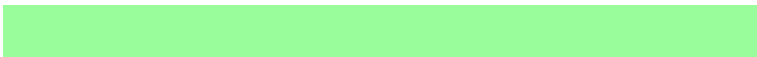
The Sweet Spot groups the original color and five complimentary colors.



152, 202, 253



224, 239, 255



152, 251, 253



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

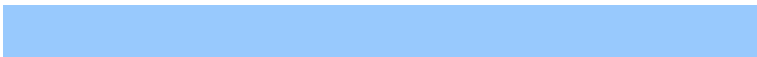
The Same Dimension uses a secret algorithm to generate beautiful new colors.



152, 202, 253



133, 193, 255



152, 185, 253



115, 121, 128



0, 95, 191



0, 32, 64

Inverse Universe

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



253, 152, 251



255, 133, 253



247, 253, 152



128, 115, 127



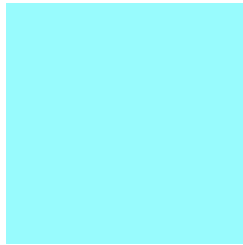
191, 0, 188



64, 0, 63

Previews

White Background



This preview shows how the RYB color 152, 202, 253 looks on a white background.

Color Contrast Check

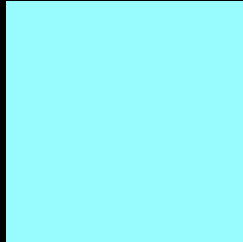
Large Text (above 18pt) WCAG AA × Fail

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 152, 202, 253 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](#).

RYP 152, 202, 253 Background



This preview shows how black text looks on a background with the RYP color 152, 202, 253.

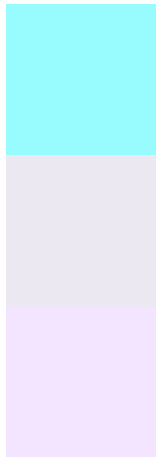


This preview shows how white text looks on a background with the RYP color 152, 202, 253.

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
152, 202, 253

Protanopia
235, 232, 242

Deuteranopia
243, 228, 255



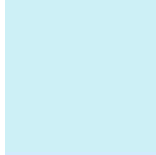
Tritanopia
192, 220, 255

Trichromacy



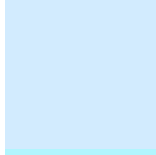
Original Color

152, 202, 253



Protanomaly

205, 224, 246



Deuteranomaly

210, 226, 254



Tritanomaly

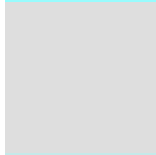
177, 213, 254

Monochromacy



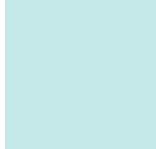
Original Color

152, 202, 253



Achromatopsia

222, 222, 222



Achromatomaly

197, 215, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 202, 253 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(152, 251, 253)` looks like.

```
.text, #text, p{  
    color:rgb(152, 251, 253)  
}
```

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(152, 251, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 251, 253) }
```

Border

The CSS property to change the border of an element to RYB 152, 202, 253 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(152, 251, 253) }
```

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

```
.border{ border-color:rgb(152, 251, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 251, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 251, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 251, 253);  
box-shadow:4px 4px 4px 4px rgb(152, 251,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 152, 202, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 251, 253) }
```

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

```
.background{ background-color: rgb(152,  
251, 253) }
```

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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