

Converting Colors

`RYB(153, 200, 254)`

Have a look what the booklet for
RYB(153, 200, 254) contains.

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Color

RYB(153, 200, 254)

Conversions

Conversions Part 1

Format	Color
Hex	99F1FE
RGB	153, 241, 254
RGB Percent	60%, 95%, 100%
CMY	0.4000, 0.0553, 0.0039
CMYK	0.40, 0.05, 0.00, 0.00
HSL	188°, 98%, 80%
HSV	188°, 40%, 100%
XYZ	62.4542, 76.7839, 105.2950
YIQ	216.1700, -56.6210, -14.6130

Conversions

Conversions Part 2

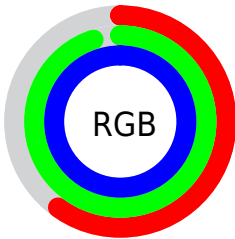
Format	Color
R _Y B	153, 200, 254
Decimal	10088958
CIE Lab	90.22, -23.17, -14.64
CIE LCh	90, 27.402, 212.287
Yxy	76.7839, 0.2554, 0.3140
Android (android.graphics.Color)	4288279038 (0xFF99F1FE)
YUV	216.1700, 18.6502, -55.4001
Hunter-Lab	87.6264, -26.1235, -9.9065

Details

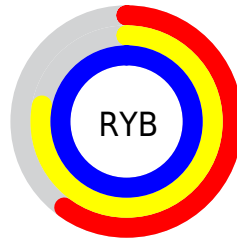
The RYB color **153, 200, 254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **254, 168, 153**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **211, 233, 255**, and **96, 143, 197** is the 20% darker color. If you saturate the color by 10%, you get **128, 187, 254**, and if you desaturate by 10%, it is **178, 213, 254**.

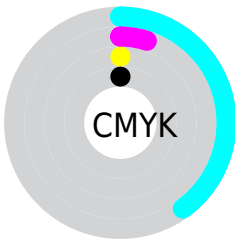
Distribution



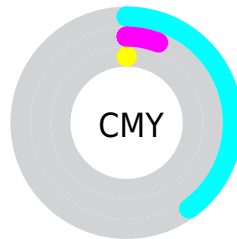
- Red (60%)
- Green (95%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 153, 200, 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 153, 200, 254 by changing the saturation by 10% instead.


 153, 200, 254

 153, 200, 254


255, 255, 255


 124, 171, 225

 211, 233, 255

 96, 143, 197

 241, 248, 255

 66, 115, 170

 31, 84, 144

 0, 56, 118

 0, 43, 93

 0, 32, 70

 0, 20, 47

 0, 3, 27

■ 153, 200, 254

■ 153, 200, 254

■ 128, 187, 254

■ 178, 213, 254

■ 102, 173, 254

■ 204, 227, 254

■ 77, 159, 254

■ 229, 241, 254

■ 51, 146, 254

255, 254, 254

■ 26, 132, 254

254, 255, 254

■ 1, 119, 254

■ 0, 118, 254

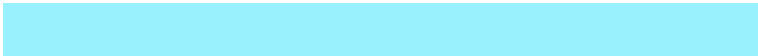
Harmonies

Analogous

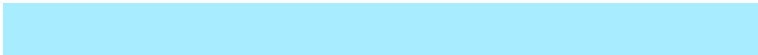
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162, 206, 242



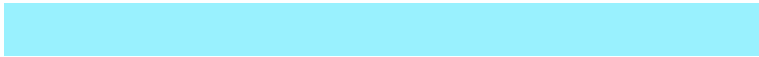
153, 200, 254



167, 206, 255

Triad

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



153, 200, 254



255, 212, 252



201, 245, 175

Complementary

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



153, 200, 254



254, 168, 153

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, 251, 181



153, 200, 254



255, 208, 226

Square

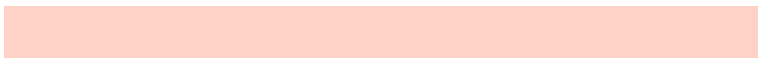
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



153, 200, 254



234, 220, 255



255, 212, 200



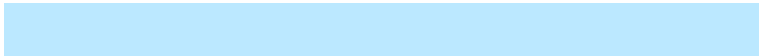
182, 234, 200

Rectangle

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



153, 200, 254



187, 214, 255



255, 212, 200



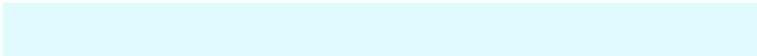
224, 253, 175

Sweetspot

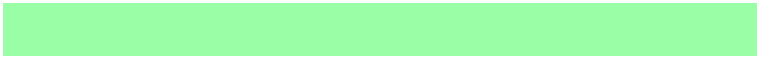
The Sweet Spot groups the original color and five complimentary colors.



153, 200, 254



224, 238, 255



153, 243, 254



110, 118, 128



0, 0, 0



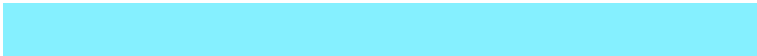
128, 128, 128

Same Dimension

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



153, 200, 254



133, 190, 255



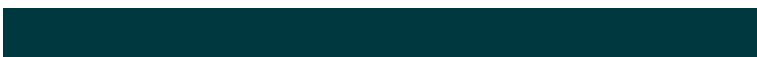
153, 181, 254



115, 121, 128



0, 89, 191



0, 30, 64

Inverse Universe

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



254, 153, 241



255, 133, 239



217, 254, 153



128, 115, 126



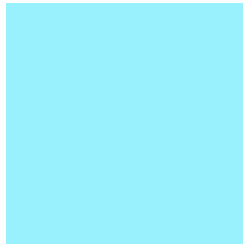
191, 0, 166



64, 0, 55

Previews

White Background



This preview shows how the RYB color 153, 200, 254 looks on a white background.

Color Contrast Check

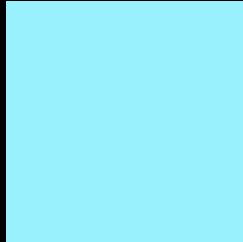
Large Text (above 18pt) WCAG AA × Fail

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 153, 200, 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](#).

RYB 153, 200, 254 Background



This preview shows how black text looks on a background with the RYB color 153, 200, 254.



This preview shows how white text looks on a background with the RYB color 153, 200, 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





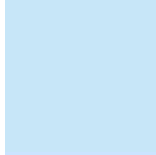
Tritanopia
167, 206, 255

Trichromacy



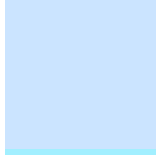
Original Color

153, 200, 254



Protanomaly

199, 218, 248



Deuteranomaly

203, 220, 255



Tritanomaly

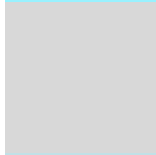
162, 204, 255

Monochromacy



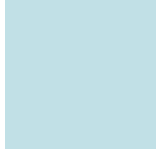
Original Color

153, 200, 254



Achromatopsia

216, 216, 216



Achromatomaly

193, 210, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 200, 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(153, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(153, 241, 254)  
}
```

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(153, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 241, 254) }
```

Border

The CSS property to change the border of an element to RYB 153, 200, 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(153, 241, 254) }
```

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

```
.border{ border-color:rgb(153, 241, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 241, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 241, 254); box-shadow:4px 4px 4px 4px rgb(153, 241, 254) }
```

Background

The CSS property to change the background color of an element to RYB 153, 200, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 241, 254) }
```

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

```
.background{ background-color: rgb(153,  
241, 254) }
```

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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