

Converting Colors

`RYB(150, 203, 255)`

Have a look what the booklet for
RYB(150, 203, 255) contains.

RYB(150, 203, 255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(150, 203, 255)

Conversions

Conversions Part 1

Format	Color
Hex	96FFFD
RGB	150, 255, 253
RGB Percent	59%, 100%, 99%
CMY	0.4118, 0.0000, 0.0078
CMYK	0.41, 0.00, 0.01, 0.00
HSL	179°, 100%, 79%
HSV	179°, 41%, 100%
XYZ	66.0703, 85.0971, 105.8874
YIQ	223.3770, -61.9380, -22.8820

Conversions

Conversions Part 2

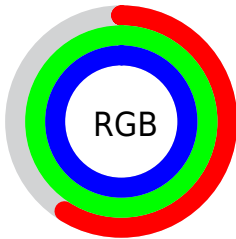
Format	Color
RYB	150, 203, 255
Decimal	9895933
CIELab	93.92, -30.89, -8.62
CIELCh	94, 32.075, 195.595
Yxy	85.0971, 0.2570, 0.3310
Android (android.graphics.Color)	4288086013 (0xFF96FFFD)
YUV	223.3770, 14.6041, -64.3516
Hunter-Lab	92.2481, -33.5881, -3.4826

Details

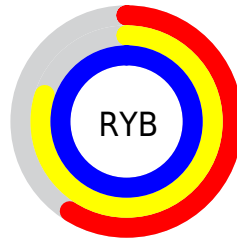
The RYB color **150, 203, 255** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 150, 152**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **209, 232, 255**, and **91, 145, 198** is the 20% darker color. If you saturate the color by 10%, you get **125, 191, 255**, and if you desaturate by 10%, it is **176, 216, 255**.

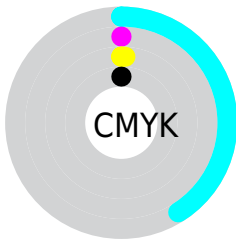
Distribution



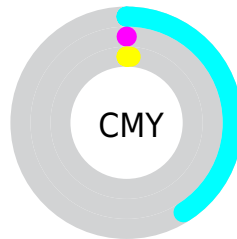
- Red (59%)
- Green (100%)
- Blue (99%)



- Red (59%)
- Yellow (80%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RYB color 150, 203, 255 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 150, 203, 255 by changing the saturation by 10% instead.


 150, 203, 255

 150, 203, 255


255, 255, 255

 121, 174, 226

 209, 232, 255

 91, 145, 198

 239, 247, 255

 59, 115, 170


 15, 80, 144

 0, 59, 118

 0, 46, 93

 0, 34, 69

 0, 23, 47


 0, 12, 26

 150, 203, 255


 150, 203, 255

 125, 191, 255


 176, 216, 255

 99, 178, 255


 201, 228, 255

 74, 165, 255

 227, 241, 255

 48, 153, 255

 252, 254, 255

 23, 140, 255

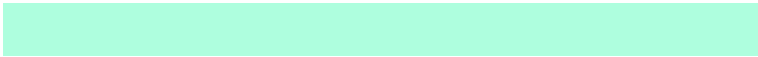
 255, 255, 255

 0, 129, 255

Harmonies

Analogous

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



174, 224, 254



150, 203, 255



151, 202, 255

Triad

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



150, 203, 255



255, 224, 255



215, 255, 178

Complementary

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



150, 203, 255



255, 150, 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, 241, 195



150, 203, 255



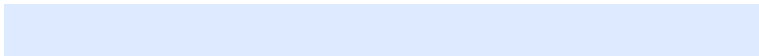
255, 217, 254

Square

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



150, 203, 255



222, 231, 255



255, 215, 222



181, 244, 178

Rectangle

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



150, 203, 255



167, 209, 255



255, 215, 222



227, 255, 182

Sweetspot

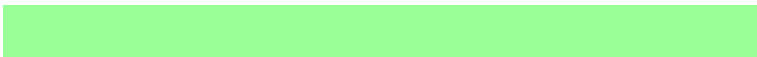
The Sweet Spot groups the original color and five complimentary colors.



150, 203, 255



224, 240, 255



150, 255, 251



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

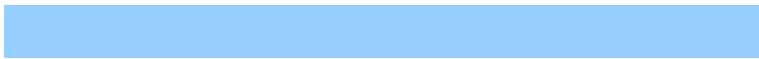
The Same Dimension uses a secret algorithm to generate beautiful new colors.



150, 203, 255



130, 193, 255



150, 187, 255



115, 122, 128



0, 96, 191



0, 32, 64

Inverse Universe

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



255, 150, 152



255, 130, 132



255, 242, 150



128, 115, 115



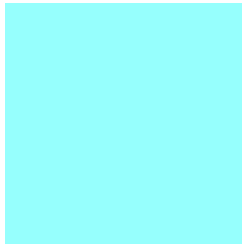
191, 0, 4



64, 0, 1

Previews

White Background



This preview shows how the RYB color 150, 203, 255 looks on a white background.

Color Contrast Check

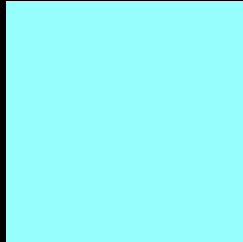
Large Text (above 18pt) WCAG AA × Fail

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 150, 203, 255 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 150, 203, 255 Background



This preview shows how black text looks on a background with the RYP color 150, 203, 255.

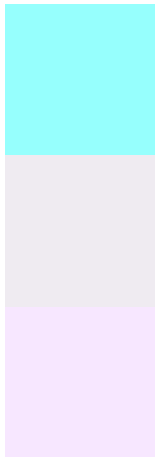


This preview shows how white text looks on a background with the RYP color 150, 203, 255.

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
150, 203, 255

Protanopia
239, 235, 241

Deuteranopia
247, 231, 255



Tritanopia
201, 225, 255

Trichromacy



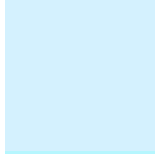
Original Color

150, 203, 255



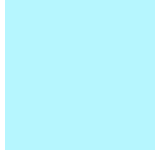
Protanomaly

207, 225, 245



Deuteranomaly

212, 229, 254



Tritanomaly

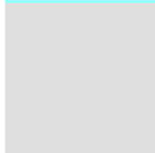
182, 216, 254

Monochromacy



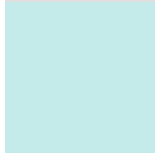
Original Color

150, 203, 255



Achromatopsia

223, 223, 223



Achromatomaly

196, 216, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 203, 255 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(150, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 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(150, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 253) }
```

Border

The CSS property to change the border of an element to RYB 150, 203, 255 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(150, 255, 253) }
```

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

```
.border{ border-color:rgb(150, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 150, 203, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 253) }
```

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

```
.background{ background-color: rgb(150,  
255, 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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