

Converting Colors

`RYB(160, 195, 252)`

Have a look what the booklet for
RYB(160, 195, 252) contains.

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Color

`RYB(160, 195, 252)`

Conversions

Conversions Part 1

Format	Color
Hex	A0D8FC
RGB	160, 216, 252
RGB Percent	63%, 85%, 99%
CMY	0.3725, 0.1510, 0.0118
CMYK	0.37, 0.14, 0.00, 0.01
HSL	203°, 94%, 81%
HSV	203°, 37%, 99%
XYZ	56.7498, 63.8657, 101.4317
YIQ	203.3600, -44.9320, -0.6760

Conversions

Conversions Part 2

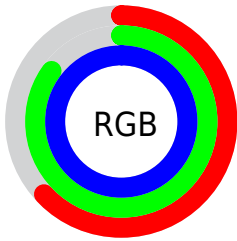
Format	Color
RYB	160, 195, 252
Decimal	10541308
CIELab	83.90, -9.56, -23.10
CIELCh	84, 24.994, 247.521
Yxy	63.8657, 0.2556, 0.2876
Android (android.graphics.Color)	4288731388 (0xFFA0D8FC)
YUV	203.3600, 23.9795, -38.0267
Hunter-Lab	79.9160, -13.0969, -19.3114

Details

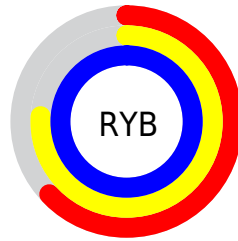
The RYB color **160, 195, 252** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **252, 219, 160**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **217, 236, 255**, and **105, 140, 195** is the 20% darker color. If you saturate the color by 10%, you get **135, 180, 252**, and if you desaturate by 10%, it is **185, 210, 252**.

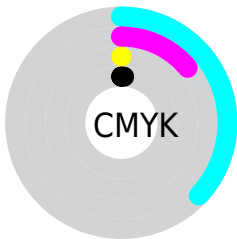
Distribution



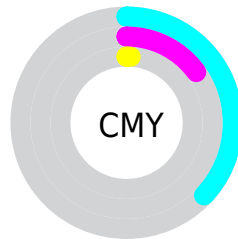
- Red (63%)
- Green (85%)
- Blue (99%)



- Red (63%)
- Yellow (76%)
- Blue (99%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)




- Cyan (37%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 195, 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 160, 195, 252 by changing the saturation by 10% instead.


 160, 195, 252

255, 255, 255


 217, 236, 255

 246, 251, 255

 160, 195, 252


 132, 167, 223

 105, 140, 195


 77, 112, 168

 48, 85, 142

 11, 55, 116

 0, 37, 91

 0, 26, 68

 0, 14, 45

 0, 1, 24

■ 160, 195, 252

■ 160, 195, 252

■ 135, 180, 252

■ 185, 210, 252

■ 110, 164, 252

■ 210, 226, 252

■ 84, 148, 252

■ 236, 242, 252

■ 59, 133, 252

252, 255, 252

■ 34, 117, 252

■ 9, 101, 252

■ 0, 96, 252

Harmonies

Analogous

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



144, 186, 237



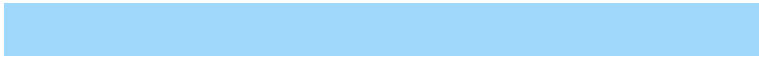
160, 195, 252



189, 204, 255

Triad

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



160, 195, 252



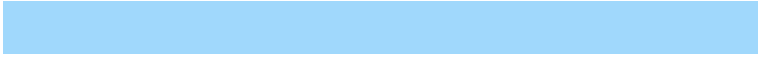
255, 192, 204



171, 216, 192

Complementary

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



160, 195, 252



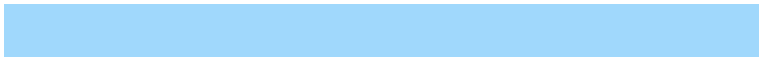
252, 219, 160

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.



177, 221, 163



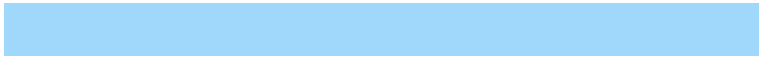
160, 195, 252



255, 198, 182

Square

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



160, 195, 252



245, 195, 228



243, 234, 166



168, 205, 221

Rectangle

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



160, 195, 252



211, 204, 251



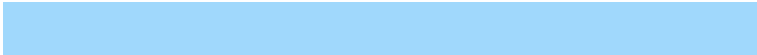
243, 234, 166



167, 214, 177

Sweetspot

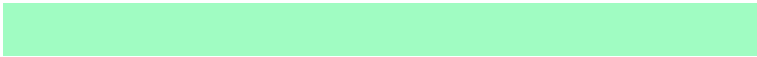
The Sweet Spot groups the original color and five complimentary colors.



160, 195, 252



227, 238, 255



160, 227, 252



111, 117, 128



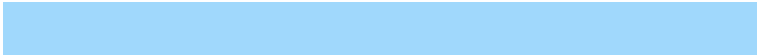
0, 0, 0



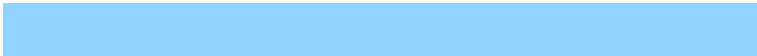
128, 128, 128

Same Dimension

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



160, 195, 252



143, 186, 255



160, 170, 252



112, 117, 125



0, 72, 189



0, 23, 61

Inverse Universe

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



252, 160, 216



255, 143, 212



172, 252, 160



125, 112, 120



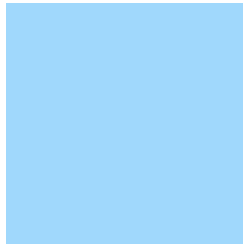
189, 0, 116



61, 0, 38

Previews

White Background



This preview shows how the RYB color 160, 195, 252 looks on a white background.

Color Contrast Check

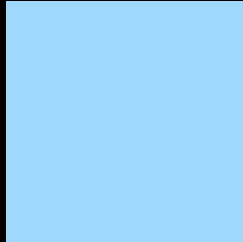
Large Text (above 18pt) WCAG AA × Fail

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 160, 195, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

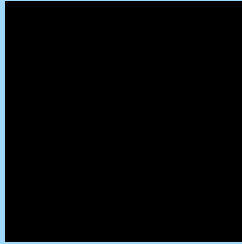
Any Text WCAG AA ✓ Pass

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 160, 195, 252 Background



This preview shows how black text looks on a background with the RYB color 160, 195, 252.

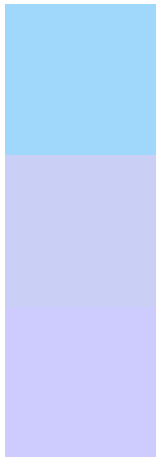


This preview shows how white text looks on a background with the RYB color 160, 195, 252.

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



Original Color
160, 195, 252

Protanopia
201, 206, 245

Deuteranopia
206, 204, 255

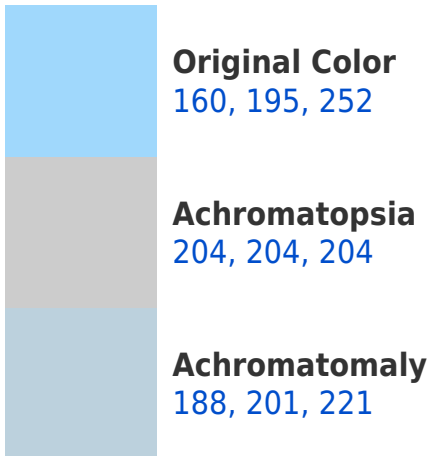


Tritanopia
156, 191, 237

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 195, 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(160, 216, 252)` looks like.

```
.text, #text, p{  
    color:rgb(160, 216, 252)  
}
```

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(160, 216, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 216, 252) }
```

Border

The CSS property to change the border of an element to RYB 160, 195, 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(160, 216, 252) }
```

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

```
.border{ border-color:rgb(160, 216, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 216, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 216, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 216, 252);  
box-shadow:4px 4px 4px 4px rgb(160, 216,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 160, 195, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 216, 252) }
```

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

```
.background{ background-color: rgb(160,  
216, 252) }
```

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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