

Converting Colors

`RYB(160, 200, 254)`

Have a look what the booklet for
RYB(160, 200, 254) contains.

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Color

R_YB(160, 200, 254)

Conversions

Conversions Part 1

Format	Color
Hex	A0E6FE
RGB	160, 230, 254
RGB Percent	63%, 90%, 100%
CMY	0.3725, 0.0995, 0.0039
CMYK	0.37, 0.10, 0.00, 0.00
HSL	196°, 98%, 81%
HSV	196°, 37%, 100%
XYZ	60.5804, 71.0170, 104.2807
YIQ	211.8060, -49.4240, -7.3760

Conversions

Conversions Part 2

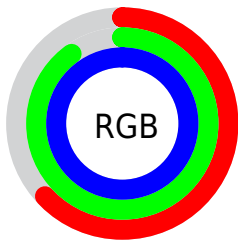
Format	Color
R _{YB}	160, 200, 254
Decimal	10544894
CIE Lab	87.49, -15.80, -18.70
CIE LCh	87, 24.482, 229.821
Yxy	71.0170, 0.2568, 0.3011
Android (android.graphics.Color)	4288734974 (0xFFA0E6FE)
YUV	211.8060, 20.8016, -45.4339
Hunter-Lab	84.2716, -19.1568, -14.3774

Details

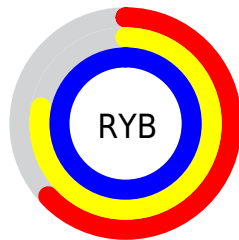
The RYB color **160, 200, 254** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **254, 192, 160**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **217, 236, 255**, and **104, 144, 197** is the 20% darker color. If you saturate the color by 10%, you get **135, 186, 254**, and if you desaturate by 10%, it is **185, 214, 254**.

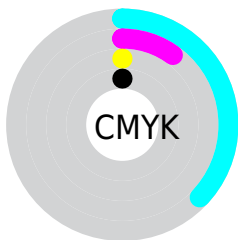
Distribution



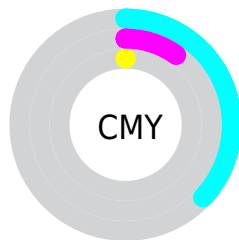
- Red (63%)
- Green (90%)
- Blue (100%)



- Red (63%)
- Yellow (78%)
- Blue (100%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 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 160, 200, 254 by changing the saturation by 10% instead.


 160, 200, 254


255, 255, 255


 217, 236, 255

 247, 251, 255

 160, 200, 254

 132, 172, 225

 104, 144, 197


 76, 116, 170


 46, 89, 143

 2, 54, 118

 0, 41, 93

 0, 29, 69

 0, 18, 47

 0, 1, 26

■ 160, 200, 254

■ 160, 200, 254

■ 135, 186, 254

■ 185, 214, 254

■ 109, 171, 254

■ 211, 229, 254

■ 84, 156, 254

■ 236, 244, 254

■ 58, 141, 254

254, 255, 254

■ 33, 127, 254

■ 8, 113, 254

■ 0, 108, 254

Harmonies

Analogous

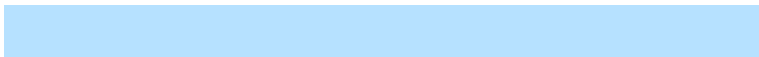
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156, 195, 234



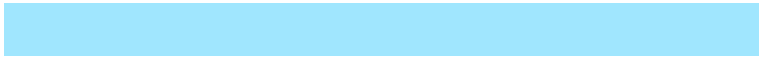
160, 200, 254



182, 209, 255

Triad

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



160, 200, 254



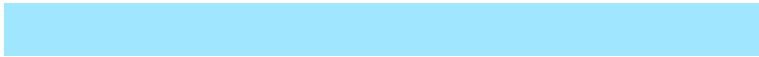
255, 204, 228



175, 223, 177

Complementary

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



160, 200, 254



254, 192, 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.



226, 245, 174



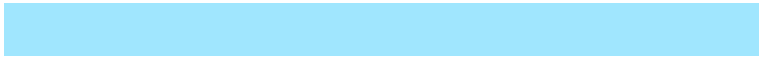
160, 200, 254



255, 203, 205

Square

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



160, 200, 254



242, 208, 250



255, 219, 185



189, 229, 224

Rectangle

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



160, 200, 254



202, 215, 255



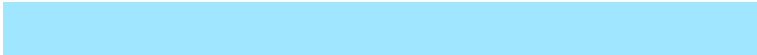
255, 219, 185



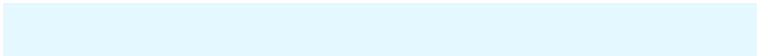
184, 229, 173

Sweetspot

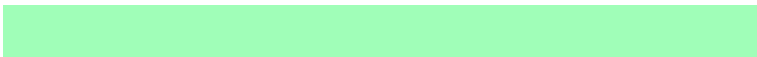
The Sweet Spot groups the original color and five complimentary colors.



160, 200, 254



227, 239, 255



160, 235, 254



111, 118, 128



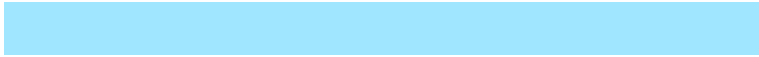
0, 0, 0



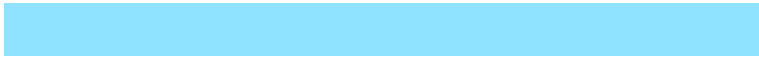
128, 128, 128

Same Dimension

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



160, 200, 254



143, 191, 255



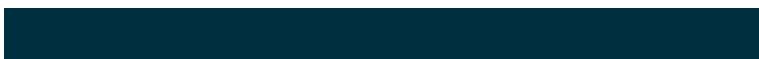
160, 179, 254



115, 120, 128



0, 81, 191



0, 27, 64

Inverse Universe

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



254, 160, 230



255, 143, 226



190, 254, 160



128, 115, 124



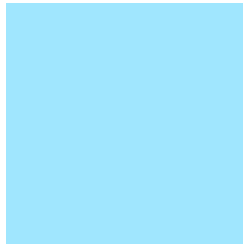
191, 0, 142



64, 0, 47

Previews

White Background



This preview shows how the RYB color 160, 200, 254 looks on a white background.

Color Contrast Check

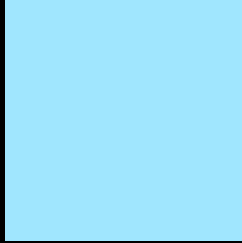
Large Text (above 18pt) WCAG AA × Fail

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 160, 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](#).

RYP 160, 200, 254 Background



This preview shows how black text looks on a background with the RYB color 160, 200, 254.

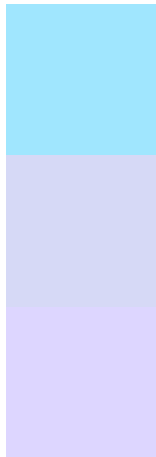


This preview shows how white text looks on a background with the RYB color 160, 200, 254.

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



Original Color
160, 200, 254

Protanopia
214, 217, 246

Deuteranopia
221, 214, 255



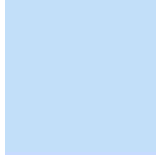
Tritanopia
159, 199, 249

Trichromacy



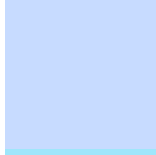
Original Color

160, 200, 254



Protanomaly

194, 213, 249



Deuteranomaly

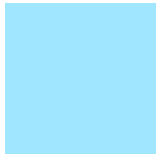
199, 214, 255



Tritanomaly

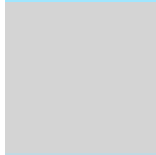
159, 199, 251

Monochromacy



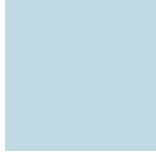
Original Color

160, 200, 254



Achromatopsia

212, 212, 212



Achromatomaly

193, 207, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 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(160, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(160, 230, 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(160, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 230, 254) }
```

Border

The CSS property to change the border of an element to RYB 160, 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(160, 230, 254) }
```

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

```
.border{ border-color:rgb(160, 230, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(160, 230,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 160, 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(160, 230, 254) }
```

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

```
.background{ background-color: rgb(160,  
230, 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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