

Converting Colors

`RYB(164, 205, 254)`

Have a look what the booklet for
RYB(164, 205, 254) contains.

RYB(164, 205, 254)	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(164, 205, 254)

Conversions

Conversions Part 1

Format	Color
Hex	A4EFFE
RGB	164, 239, 254
RGB Percent	64%, 94%, 100%
CMY	0.3569, 0.0615, 0.0039
CMYK	0.35, 0.06, 0.00, 0.00
HSL	190°, 98%, 82%
HSV	190°, 35%, 100%
XYZ	64.1554, 76.9607, 105.2395
YIQ	218.2850, -49.5150, -11.2350

Conversions

Conversions Part 2

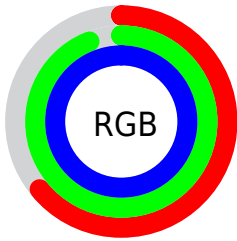
Format	Color
RYB	164, 205, 254
Decimal	10809342
CIELab	90.30, -19.61, -14.46
CIELCh	90, 24.362, 216.415
Yxy	76.9607, 0.2604, 0.3124
Android (android.graphics.Color)	4288999422 (0xFFA4EFFE)
YUV	218.2850, 17.6075, -47.6079
Hunter-Lab	87.7272, -22.9846, -9.7165

Details

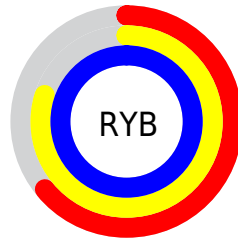
The RYB color **164, 205, 254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **254, 182, 164**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **222, 239, 255**, and **108, 149, 197** is the 20% darker color. If you saturate the color by 10%, you get **139, 191, 254**, and if you desaturate by 10%, it is **189, 218, 254**.

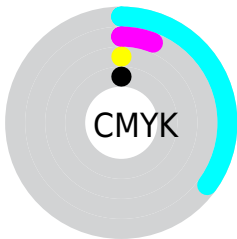
Distribution



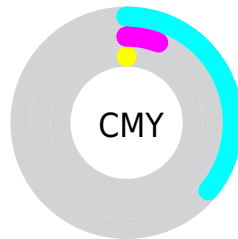
- Red (64%)
- Green (94%)
- Blue (100%)



- Red (64%)
- Yellow (80%)
- Blue (100%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 205, 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 164, 205, 254 by changing the saturation by 10% instead.


 164, 205, 254

255, 255, 255


 222, 239, 255


 251, 253, 255

 164, 205, 254

 136, 177, 225


 108, 149, 197

 80, 121, 170

 51, 94, 144

 12, 62, 118

 0, 43, 93

 0, 31, 70

 0, 20, 47

 0, 3, 27

■ 164, 205, 254

■ 164, 205, 254

■ 139, 191, 254

■ 189, 218, 254

■ 113, 177, 254

■ 215, 233, 254

■ 88, 164, 254

■ 240, 246, 254

■ 62, 150, 254

254, 255, 254

■ 37, 136, 254

■ 12, 122, 254

■ 0, 116, 254

Harmonies

Analogous

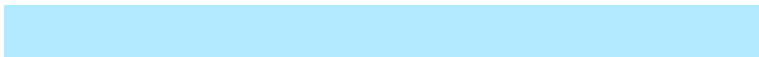
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169, 207, 241



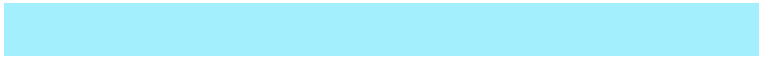
164, 205, 254



179, 211, 255

Triad

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



164, 205, 254



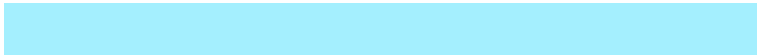
255, 213, 246



198, 240, 181

Complementary

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



164, 205, 254



254, 182, 164

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, 255, 185



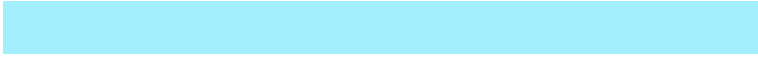
164, 205, 254



255, 211, 223

Square

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



164, 205, 254



238, 220, 255



255, 216, 201



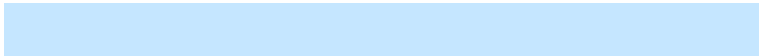
189, 234, 209

Rectangle

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



164, 205, 254



197, 218, 255



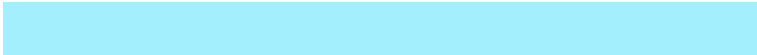
255, 216, 201



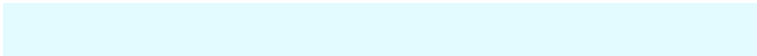
216, 248, 181

Sweetspot

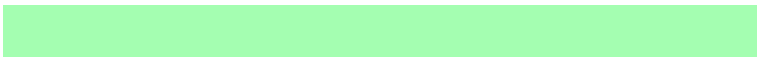
The Sweet Spot groups the original color and five complimentary colors.



164, 205, 254



227, 240, 255



164, 243, 254



111, 119, 128



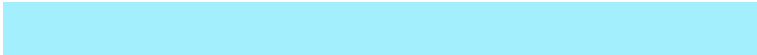
0, 0, 0



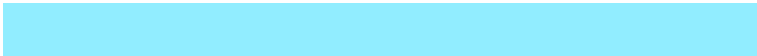
128, 128, 128

Same Dimension

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



164, 205, 254



145, 195, 255



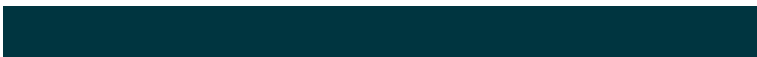
164, 188, 254



115, 121, 128



0, 87, 191



0, 29, 64

Inverse Universe

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



254, 164, 239



255, 145, 237



211, 254, 164



128, 115, 125



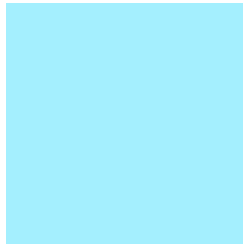
191, 0, 160



64, 0, 53

Previews

White Background



This preview shows how the RYB color 164, 205, 254 looks on a white background.

Color Contrast Check

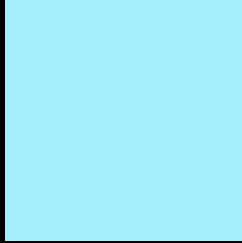
Large Text (above 18pt) WCAG AA × Fail

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 164, 205, 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 164, 205, 254 Background



This preview shows how black text looks on a background with the RYB color 164, 205, 254.

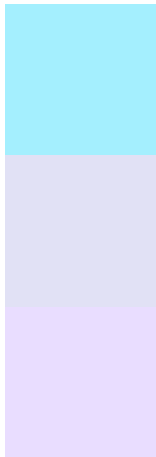


This preview shows how white text looks on a background with the RYB color 164, 205, 254.

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
164, 205, 254

Protanopia
225, 225, 245

Deuteranopia
233, 221, 255



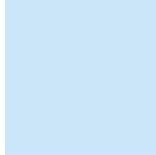
Tritanopia
172, 209, 255

Trichromacy



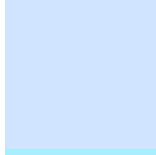
Original Color

164, 205, 254



Protanomaly

203, 220, 248



Deuteranomaly

208, 222, 255



Tritanomaly

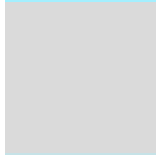
169, 207, 255

Monochromacy



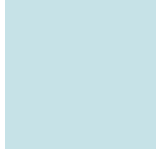
Original Color

164, 205, 254



Achromatopsia

218, 218, 218



Achromatomaly

198, 213, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 205, 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(164, 239, 254)` looks like.

```
.text, #text, p{  
    color:rgb(164, 239, 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(164, 239, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 239, 254) }
```

Border

The CSS property to change the border of an element to RYB 164, 205, 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(164, 239, 254) }
```

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

```
.border{ border-color:rgb(164, 239, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 239, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 239, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 239, 254);  
box-shadow:4px 4px 4px 4px rgb(164, 239,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 164, 205, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 239, 254) }
```

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

```
.background{ background-color: rgb(164,  
239, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor