

Converting Colors

`RYB(145, 209, 255)`

Have a look what the booklet for
RYB(145, 209, 255) contains.

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Color

R_YB(145, 209, 255)

Conversions

Conversions Part 1

Format	Color
Hex	91FFE0
RGB	145, 255, 224
RGB Percent	57%, 100%, 88%
CMY	0.4314, 0.0000, 0.1213
CMYK	0.43, 0.00, 0.12, 0.00
HSL	163°, 100%, 78%
HSV	163°, 43%, 100%
XYZ	60.9001, 82.9250, 83.3618
YIQ	218.5760, -55.6090, -32.9610

Conversions

Conversions Part 2

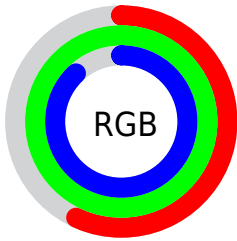
Format	Color
RYB	145, 209, 255
Decimal	9568224
CIELab	92.98, -38.70, 4.94
CIELCh	93, 39.009, 172.732
Yxy	82.9250, 0.2681, 0.3650
Android (android.graphics.Color)	4287758304 (0xFF91FFE0)
YUV	218.5760, 2.6740, -64.5262
Hunter-Lab	91.0631, -39.9855, 9.4684

Details

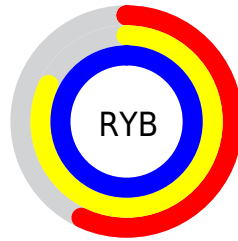
The RYB color **145, 209, 255** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 145, 176**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **203, 229, 255**, and **87, 151, 198** is the 20% darker color. If you saturate the color by 10%, you get **120, 199, 255**, and if you desaturate by 10%, it is **171, 220, 255**.

Distribution



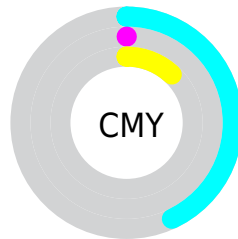
- Red (57%)
- Green (100%)
- Blue (88%)



- Red (57%)
- Yellow (82%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 145, 209, 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 145, 209, 255 by changing the saturation by 10% instead.


 145, 209, 255

 145, 209, 255


255, 255, 255

 116, 180, 226

 203, 229, 255

 87, 151, 198

 233, 244, 255

 55, 120, 170


 8, 83, 143

 0, 65, 117

 0, 53, 92


 0, 39, 67


 0, 28, 44


 0, 18, 18

 145, 209, 255


 145, 209, 255

 120, 199, 255


 171, 220, 255

 94, 188, 255


 196, 230, 255

 68, 177, 255

 222, 241, 255

 43, 166, 255

 247, 252, 255

 17, 155, 255

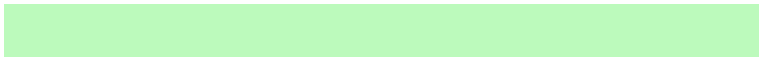
255, 255, 255

 0, 148, 255

Harmonies

Analogous

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



188, 250, 250



145, 209, 255



114, 185, 255

Triad

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



145, 209, 255



227, 228, 255



249, 255, 176

Complementary

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



145, 209, 255



255, 145, 176

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, 208, 208



145, 209, 255



255, 216, 255

Square

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



145, 209, 255



172, 210, 255



255, 208, 246



197, 255, 161

Rectangle

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



145, 209, 255



115, 184, 255



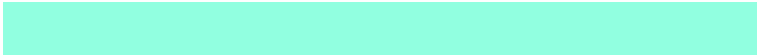
255, 208, 246



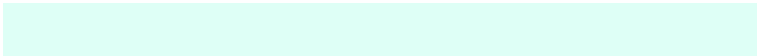
255, 230, 186

Sweetspot

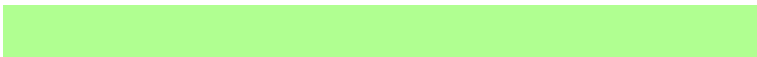
The Sweet Spot groups the original color and five complimentary colors.



145, 209, 255



222, 241, 255



145, 255, 224



107, 119, 128



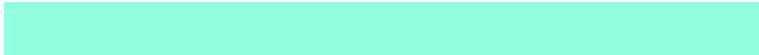
0, 0, 0



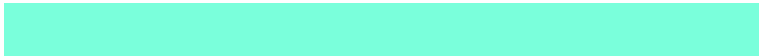
128, 128, 128

Same Dimension

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



145, 209, 255



122, 199, 255



145, 193, 255



115, 123, 128



0, 111, 191



0, 37, 64

Inverse Universe

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



255, 145, 176



255, 122, 160



255, 176, 145



128, 115, 118



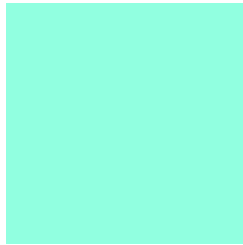
191, 0, 54



64, 0, 18

Previews

White Background



This preview shows how the RYB color 145, 209, 255 looks on a white background.

Color Contrast Check

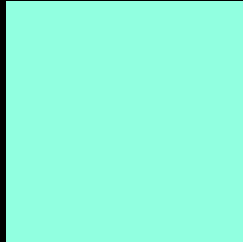
Large Text (above 18pt) WCAG AA × Fail

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 145, 209, 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](#).

RYB 145, 209, 255 Background



This preview shows how black text looks on a background with the RYB color 145, 209, 255.

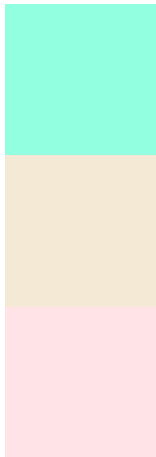


This preview shows how white text looks on a background with the RYB color 145, 209, 255.

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
145, 209, 255

Protanopia
227, 243, 212

Deuteranopia
255, 227, 231



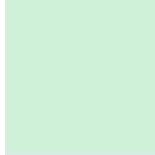
Tritanopia
193, 221, 255

Trichromacy



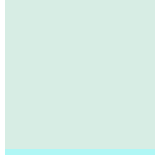
Original Color

145, 209, 255



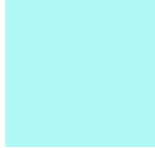
Protanomaly

207, 234, 241



Deuteranomaly

215, 229, 237



Tritanomaly

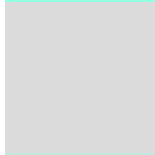
176, 212, 247

Monochromacy



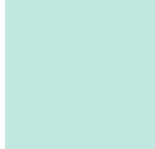
Original Color

145, 209, 255



Achromatopsia

219, 219, 219



Achromatomaly

192, 215, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 209, 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(145, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(145, 255, 224)  
}
```

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(145, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 255, 224) }
```

Border

The CSS property to change the border of an element to RYB 145, 209, 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(145, 255, 224) }
```

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

```
.border{ border-color:rgb(145, 255, 224) }
```

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

Here you see how a box with a 4 pixel rgb(145, 255, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(145, 255,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 145, 209, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 255, 224) }
```

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

```
.background{ background-color: rgb(145,  
255, 224) }
```

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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