

Converting Colors

`RYB(145, 204, 247)`

Have a look what the booklet for
RYB(145, 204, 247) contains.

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Color

R_YB(145, 204, 247)

Conversions

Conversions Part 1

Format	Color
Hex	91F7DB
RGB	145, 247, 219
RGB Percent	57%, 97%, 86%
CMY	0.4314, 0.0314, 0.1398
CMYK	0.41, 0.00, 0.11, 0.03
HSL	164°, 86%, 77%
HSV	164°, 41%, 97%
XYZ	57.7687, 77.6736, 79.1998
YIQ	213.3100, -51.8040, -30.3320

Conversions

Conversions Part 2

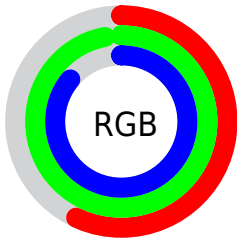
Format	Color
RYB	145, 204, 247
Decimal	9566171
CIELab	90.63, -36.08, 3.98
CIELCh	91, 36.300, 173.707
Yxy	77.6736, 0.2691, 0.3619
Android (android.graphics.Color)	4287756251 (0xFF91F7DB)
YUV	213.3100, 2.8052, -59.9079
Hunter-Lab	88.1326, -37.2299, 8.4123

Details

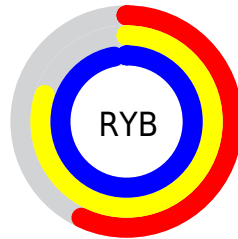
The RYB color **145, 204, 247** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **247, 145, 173**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **203, 229, 255**, and **88, 146, 190** is the 20% darker color. If you saturate the color by 10%, you get **120, 193, 247**, and if you desaturate by 10%, it is **170, 215, 247**.

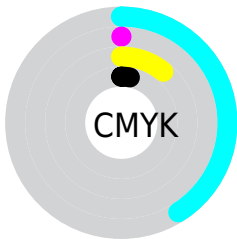
Distribution



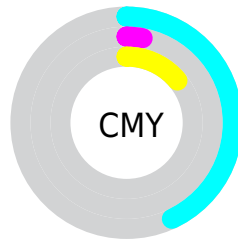
- Red (57%)
- Green (97%)
- Blue (86%)



- Red (57%)
- Yellow (80%)
- Blue (97%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)



- Cyan (43%)
- Magenta (3%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 145, 204, 247 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, 204, 247 by changing the saturation by 10% instead.


 145, 204, 247

 145, 204, 247


255, 255, 255

 116, 174, 218

 203, 229, 255

 88, 146, 190

 232, 244, 255

 58, 118, 163

 19, 84, 136

 0, 61, 110

 0, 48, 85


 0, 36, 61

 0, 26, 40


 0, 4, 4

 145, 204, 247


 145, 204, 247

 120, 193, 247


 170, 215, 247

 96, 183, 247


 194, 225, 247

 71, 173, 247

 219, 235, 247

 46, 162, 247

 244, 246, 247

 22, 152, 247

 255, 247, 253

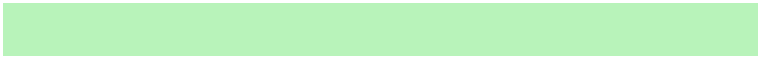
 0, 143, 247

 255, 247, 255

Harmonies

Analogous

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



184, 241, 243



145, 204, 247



119, 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, 204, 247



223, 222, 255



255, 247, 173

Complementary

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



145, 204, 247



247, 145, 173

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, 204, 202



145, 204, 247



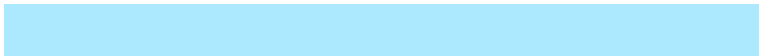
255, 210, 255

Square

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



145, 204, 247



172, 207, 255



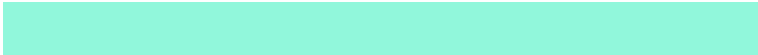
255, 203, 237



207, 255, 159

Rectangle

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



145, 204, 247



121, 185, 255



255, 203, 237



255, 225, 182

Sweetspot

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



145, 204, 247



224, 242, 255



145, 247, 218



110, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 204, 247



128, 202, 255



145, 190, 247



110, 117, 122



0, 107, 186



0, 34, 59

Inverse Universe

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



247, 145, 173



255, 128, 162



247, 173, 145



122, 110, 113



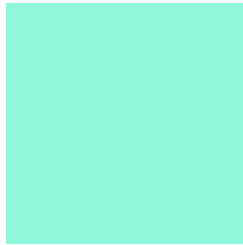
186, 0, 50



59, 0, 16

Previews

White Background



This preview shows how the RYB color 145, 204, 247 looks on a white background.

Color Contrast Check

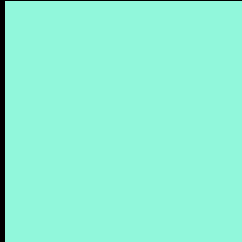
Large Text (above 18pt) WCAG AA × Fail

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, 204, 247 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, 204, 247 Background



This preview shows how black text looks on a background with the RYB color 145, 204, 247.

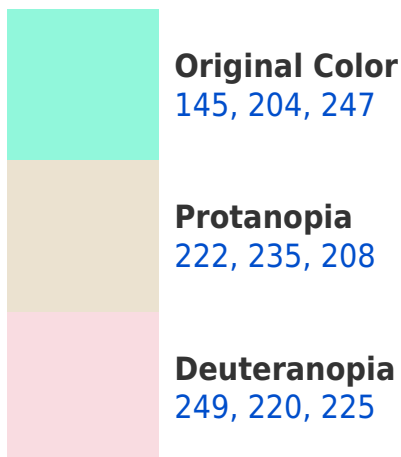


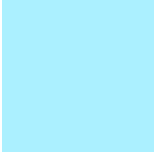
This preview shows how white text looks on a background with the RYB color 145, 204, 247.

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





Tritanopia
171, 209, 255

Trichromacy



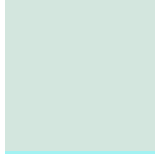
Original Color

145, 204, 247



Protanomaly

202, 226, 234



Deuteranomaly

211, 223, 230



Tritanomaly

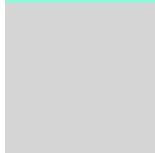
162, 202, 242

Monochromacy



Original Color

145, 204, 247



Achromatopsia

213, 213, 213



Achromatomaly

188, 209, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 204, 247 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, 247, 219)` looks like.

```
.text, #text, p{  
    color:rgb(145, 247, 219)  
}
```

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, 247, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 247, 219) }
```

Border

The CSS property to change the border of an element to RYB 145, 204, 247 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, 247, 219) }
```

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

```
.border{ border-color:rgb(145, 247, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 247, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 247, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 247, 219);  
box-shadow:4px 4px 4px 4px rgb(145, 247,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 145, 204, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 247, 219) }
```

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

```
.background{ background-color: rgb(145,  
247, 219) }
```

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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