

Converting Colors

`RYB(145, 206, 248)`

Have a look what the booklet for
RYB(145, 206, 248) contains.

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Color

R_YB(145, 206, 248)

Conversions

Conversions Part 1

Format	Color
Hex	91F8D8
RGB	145, 248, 216
RGB Percent	57%, 97%, 85%
CMY	0.4314, 0.0275, 0.1533
CMYK	0.42, 0.00, 0.13, 0.03
HSL	161°, 88%, 77%
HSV	161°, 42%, 97%
XYZ	57.6285, 78.1082, 76.9492
YIQ	213.5550, -51.1160, -31.7880

Conversions

Conversions Part 2

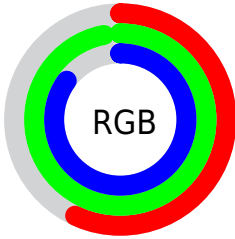
Format	Color
RYB	145, 206, 248
Decimal	9566424
CIELab	90.83, -37.28, 6.04
CIELCh	91, 37.766, 170.795
Yxy	78.1082, 0.2710, 0.3672
Android (android.graphics.Color)	4287756504 (0xFF91F8D8)
YUV	213.5550, 1.2054, -60.1227
Hunter-Lab	88.3788, -38.2698, 10.2429

Details

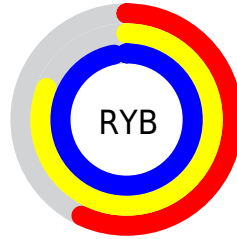
The RYB color **145, 206, 248** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **248, 145, 177**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **203, 229, 255**, and **88, 148, 191** is the 20% darker color. If you saturate the color by 10%, you get **120, 196, 248**, and if you desaturate by 10%, it is **170, 216, 248**.

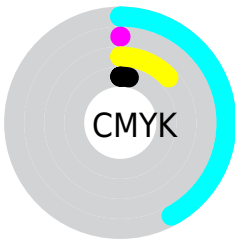
Distribution



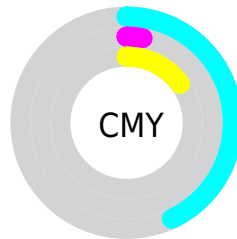
- Red (57%)
- Green (97%)
- Blue (85%)



- Red (57%)
- Yellow (81%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (43%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 206, 248 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, 206, 248 by changing the saturation by 10% instead.


 145, 206, 248


255, 255, 255


 203, 229, 255

 232, 244, 255

 145, 206, 248

 116, 177, 219


 88, 148, 191

 58, 119, 164

 19, 86, 137

 0, 63, 111

 0, 50, 86


 0, 38, 62

 0, 27, 40


 0, 6, 6

 145, 206, 248


 145, 206, 248

 120, 196, 248


 170, 216, 248

 95, 186, 248


 195, 227, 248

 71, 176, 248

 219, 236, 248

 46, 166, 248

 244, 246, 248

 21, 156, 248

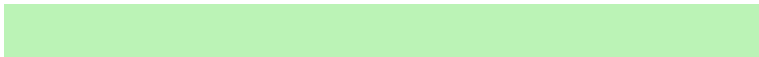
 255, 248, 255

 0, 147, 248

Harmonies

Analogous

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



182, 243, 238



145, 206, 248



114, 182, 253

Triad

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



145, 206, 248



218, 222, 255



255, 242, 174

Complementary

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



145, 206, 248



248, 145, 177

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, 203, 205



145, 206, 248



255, 211, 255

Square

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



145, 206, 248



165, 205, 255



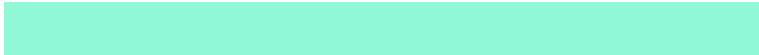
255, 203, 241



206, 255, 158

Rectangle

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



145, 206, 248



113, 182, 255



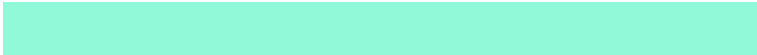
255, 203, 241



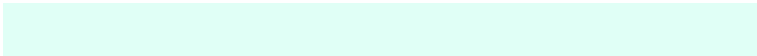
255, 219, 183

Sweetspot

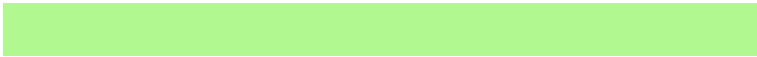
The Sweet Spot groups the original color and five complimentary colors.



145, 206, 248



224, 242, 255



145, 248, 215



110, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 206, 248



128, 203, 255



145, 191, 248



112, 120, 125



0, 112, 189



0, 36, 61

Inverse Universe

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



248, 145, 177



255, 128, 167



248, 168, 145



125, 112, 116



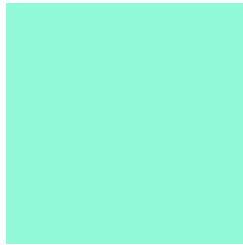
189, 0, 59



61, 0, 19

Previews

White Background



This preview shows how the RYB color 145, 206, 248 looks on a white background.

Color Contrast Check

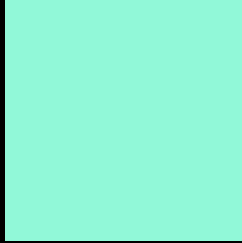
Large Text (above 18pt) WCAG AA × Fail

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, 206, 248 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, 206, 248 Background



This preview shows how black text looks on a background with the RYB color 145, 206, 248.

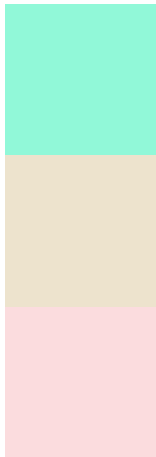


This preview shows how white text looks on a background with the RYB color 145, 206, 248.

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](#).

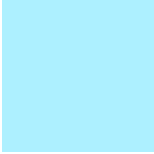
Dichromacy



Original Color
145, 206, 248

Protanopia
220, 237, 205

Deuteranopia
251, 220, 222



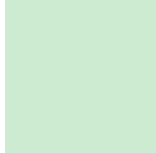
Tritanopia
173, 210, 255

Trichromacy



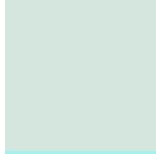
Original Color

145, 206, 248



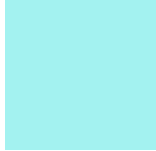
Protanomaly

204, 231, 235



Deuteranomaly

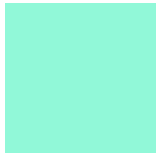
212, 224, 230



Tritanomaly

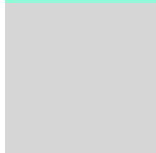
163, 203, 242

Monochromacy



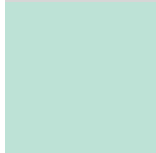
Original Color

145, 206, 248



Achromatopsia

214, 214, 214



Achromatomaly

189, 211, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 206, 248 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, 248, 216)` looks like.

```
.text, #text, p{  
    color:rgb(145, 248, 216)  
}
```

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, 248, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 248, 216) }
```

Border

The CSS property to change the border of an element to RYB 145, 206, 248 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, 248, 216) }
```

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

```
.border{ border-color:rgb(145, 248, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 248, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 248, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 248, 216);  
box-shadow:4px 4px 4px 4px rgb(145, 248,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 145, 206, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 248, 216) }
```

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

```
.background{ background-color: rgb(145,  
248, 216) }
```

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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