

Converting Colors

`RYB(145, 218, 243)`

Have a look what the booklet for
RYB(145, 218, 243) contains.

RYB(145, 218, 243)	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

R_YB(145, 218, 243)

Conversions

Conversions Part 1

Format	Color
Hex	91F3B3
RGB	145, 243, 179
RGB Percent	57%, 95%, 70%
CMY	0.4314, 0.0471, 0.2998
CMYK	0.40, 0.00, 0.27, 0.05
HSL	141°, 80%, 76%
HSV	141°, 40%, 95%
XYZ	51.8201, 73.3579, 53.8440
YIQ	206.4020, -37.8640, -40.6800

Conversions

Conversions Part 2

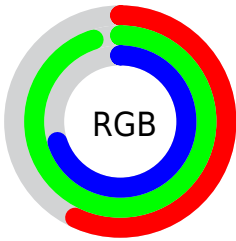
Format	Color
RYB	145, 218, 243
Decimal	9565107
CIELab	88.62, -42.47, 22.22
CIELCh	89, 47.934, 152.385
Yxy	73.3579, 0.2895, 0.4098
Android (android.graphics.Color)	4287755187 (0xFF91F3B3)
YUV	206.4020, -13.5092, -53.8496
Hunter-Lab	85.6492, -41.8889, 22.6813

Details

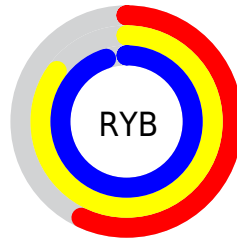
The RYB color **145, 218, 243** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **243, 145, 209**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **202, 235, 255**, and **89, 159, 186** is the 20% darker color. If you saturate the color by 10%, you get **121, 212, 243**, and if you desaturate by 10%, it is **169, 224, 243**.

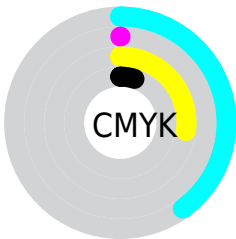
Distribution



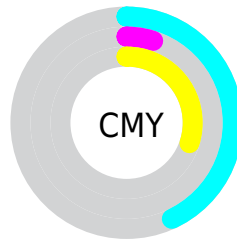
- Red (57%)
- Green (95%)
- Blue (70%)



- Red (57%)
- Yellow (85%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)
- Black (5%)



- Cyan (43%)
- Magenta (5%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 218, 243 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, 218, 243 by changing the saturation by 10% instead.


 145, 218, 243


255, 255, 255


 202, 235, 255

 231, 243, 255

 145, 218, 243

 117, 188, 214

 89, 159, 186


 60, 131, 159

 26, 98, 132

 0, 71, 106

 0, 59, 81

 0, 50, 57

 0, 36, 36

 0, 0, 0

 145, 218, 243


 145, 218, 243

 121, 212, 243


 169, 224, 243

 96, 205, 243


 194, 230, 243

 72, 199, 243

 218, 237, 243

 48, 193, 243

 242, 243, 243

 24, 187, 243

 255, 243, 255

 0, 181, 243

Harmonies

Analogous

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



144, 234, 177



145, 218, 243



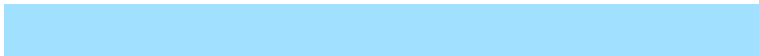
77, 168, 247

Triad

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



145, 218, 243



161, 199, 255



255, 195, 176

Complementary

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



145, 218, 243



243, 145, 209

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, 186, 221



145, 218, 243



232, 209, 255

Square

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



145, 218, 243



71, 159, 255



255, 194, 255



232, 255, 142

Rectangle

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



145, 218, 243



0, 125, 255



255, 194, 255



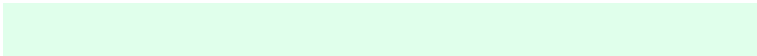
255, 188, 190

Sweetspot

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



145, 218, 243



224, 247, 255



145, 243, 178



110, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 218, 243



133, 224, 255



145, 198, 243



110, 119, 122



0, 138, 186



0, 44, 59

Inverse Universe

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



243, 145, 209



255, 133, 213



243, 145, 161



122, 110, 118



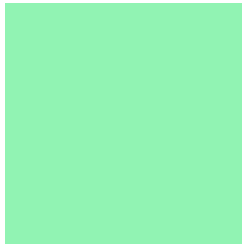
186, 0, 122



59, 0, 39

Previews

White Background



This preview shows how the RYB color 145, 218, 243 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, 218, 243 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, 218, 243 Background



This preview shows how black text looks on a background with the RYB color 145, 218, 243.

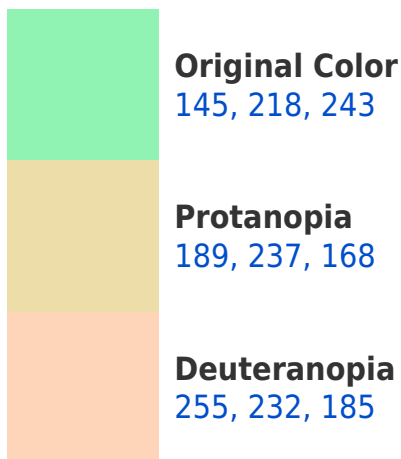


This preview shows how white text looks on a background with the RYB color 145, 218, 243.

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





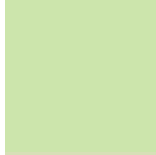
Tritanopia
161, 201, 252

Trichromacy



Original Color

145, 218, 243



Protanomaly

172, 229, 197



Deuteranomaly

183, 224, 192



Tritanomaly

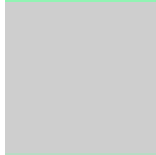
155, 199, 237

Monochromacy



Original Color

145, 218, 243



Achromatopsia

206, 206, 206



Achromatomaly

184, 210, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 218, 243 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, 243, 179)` looks like.

```
.text, #text, p{  
    color:rgb(145, 243, 179)  
}
```

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, 243, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 243, 179) }
```

Border

The CSS property to change the border of an element to RYB 145, 218, 243 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, 243, 179) }
```

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

```
.border{ border-color:rgb(145, 243, 179) }
```

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

Here you see how a box with a 4 pixel rgb(145, 243, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 243, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 243, 179);  
box-shadow:4px 4px 4px 4px rgb(145, 243,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 145, 218, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 243, 179) }
```

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

```
.background{ background-color: rgb(145,  
243, 179) }
```

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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