

Converting Colors

`RYB(147, 187, 223)`

Have a look what the booklet for
RYB(147, 187, 223) contains.

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Color

R_YB(147, 187, 223)

Conversions

Conversions Part 1

Format	Color
Hex	93DFD7
RGB	147, 223, 215
RGB Percent	58%, 87%, 84%
CMY	0.4235, 0.1255, 0.1553
CMYK	0.34, 0.00, 0.03, 0.13
HSL	174°, 54%, 73%
HSV	174°, 34%, 87%
XYZ	50.7375, 63.9053, 74.2206
YIQ	199.3640, -42.7280, -18.6000

Conversions

Conversions Part 2

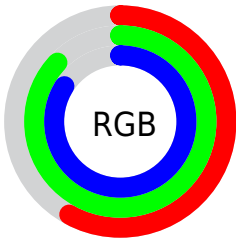
Format	Color
RYB	147, 187, 223
Decimal	9691095
CIELab	83.92, -25.07, -3.75
CIELCh	84, 25.350, 188.498
Yxy	63.9053, 0.2686, 0.3384
Android (android.graphics.Color)	4287881175 (0xFF93DFD7)
YUV	199.3640, 7.7085, -45.9232
Hunter-Lab	79.9408, -26.6044, 0.9111

Details

The RYB color **147, 187, 223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **223, 147, 155**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **203, 229, 255**, and **92, 132, 168** is the 20% darker color. If you saturate the color by 10%, you get **125, 177, 223**, and if you desaturate by 10%, it is **169, 197, 223**.

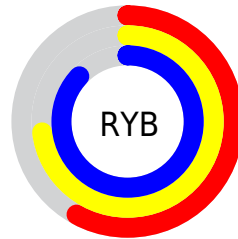
Distribution



Red (58%)

Green (87%)

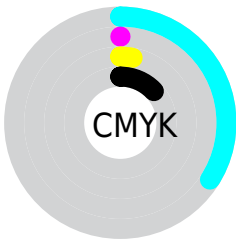
Blue (84%)



Red (58%)

Yellow (73%)

Blue (87%)

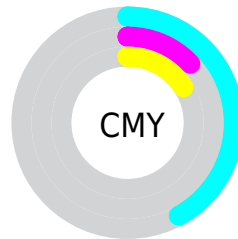


Cyan (34%)

Magenta (0%)

Yellow (3%)

Black (13%)



Cyan (42%)


Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 187, 223 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 147, 187, 223 by changing the saturation by 10% instead.


 147, 187, 223


255, 255, 255


 203, 229, 255

 232, 244, 255

 147, 187, 223

 120, 159, 195

 92, 132, 168


 65, 105, 141

 36, 77, 115

 0, 46, 90

 0, 34, 66

 0, 23, 44

 0, 12, 23


 0, 0, 0

 147, 187, 223


 147, 187, 223

 125, 177, 223


 169, 197, 223

 102, 166, 223


 192, 208, 223

 80, 155, 223


 214, 219, 223

 58, 145, 223

 236, 223, 224

 35, 134, 223

 255, 223, 227

 13, 124, 223

 255, 223, 229

 0, 117, 223

 255, 223, 231

 255, 223, 233

 255, 223, 235

Harmonies

Analogous

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



167, 204, 221



147, 187, 223



143, 186, 238

Triad

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



147, 187, 223



222, 201, 247



243, 235, 165

Complementary

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



147, 187, 223



223, 147, 155

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, 198, 181



147, 187, 223



246, 194, 227

Square

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



147, 187, 223



190, 205, 255



255, 192, 203



174, 220, 162

Rectangle

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



147, 187, 223



152, 191, 249



255, 192, 203



248, 217, 169

Sweetspot

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



147, 187, 223



230, 243, 255



147, 223, 215



112, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



147, 187, 223



150, 205, 255



147, 176, 223



101, 107, 112



0, 93, 176



0, 25, 48

Inverse Universe

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



223, 147, 155



255, 150, 161



223, 197, 147



112, 101, 102



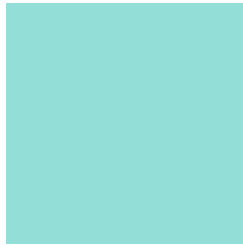
176, 0, 18



48, 0, 5

Previews

White Background



This preview shows how the RYB color 147, 187, 223 looks on a white background.

Color Contrast Check

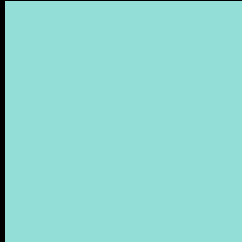
Large Text (above 18pt) WCAG AA × Fail

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 147, 187, 223 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

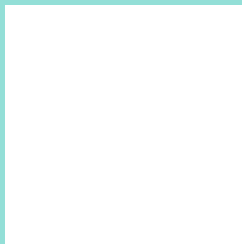
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 147, 187, 223 Background



This preview shows how black text looks on a background with the RYB color 147, 187, 223.

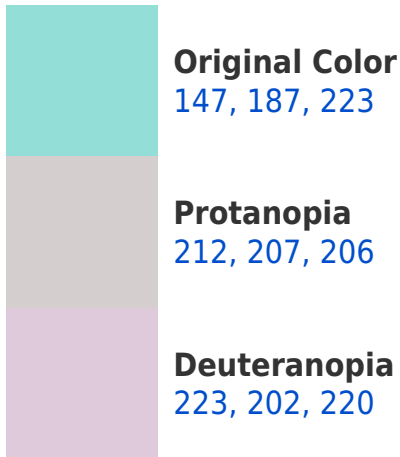



This preview shows how white text looks on a background with the RYB color 147, 187, 223.

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





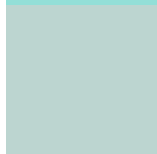
Tritanopia
152, 190, 237

Trichromacy



Original Color

147, 187, 223



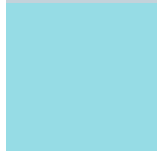
Protanomaly

188, 202, 213



Deuteranomaly

195, 204, 218



Tritanomaly

150, 187, 229

Monochromacy



Original Color

147, 187, 223



Achromatopsia

199, 199, 199



Achromatomaly

180, 195, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 187, 223 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(147, 223, 215)` looks like.

```
.text, #text, p{  
    color:rgb(147, 223, 215)  
}
```

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(147, 223, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 223, 215) }
```

Border

The CSS property to change the border of an element to RYB 147, 187, 223 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(147, 223, 215) }
```

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

```
.border{ border-color:rgb(147, 223, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 223, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 223, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 223, 215); box-shadow:4px 4px 4px 4px rgb(147, 223, 215) }
```

Background

The CSS property to change the background color of an element to RYB 147, 187, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 223, 215) }
```

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

```
.background{ background-color: rgb(147,  
223, 215) }
```

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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