

Converting Colors

`RYB(145, 192, 230)`

Have a look what the booklet for
RYB(145, 192, 230) contains.

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Color

R_YB(145, 192, 230)

Conversions

Conversions Part 1

Format	Color
Hex	91E6D6
RGB	145, 230, 214
RGB Percent	57%, 90%, 84%
CMY	0.4314, 0.0980, 0.1619
CMYK	0.37, 0.00, 0.07, 0.10
HSL	169°, 63%, 74%
HSV	169°, 37%, 90%
XYZ	52.0762, 67.4543, 73.7086
YIQ	202.7610, -45.5240, -22.9960

Conversions

Conversions Part 2

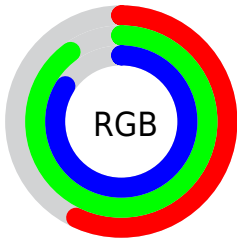
Format	Color
RYB	145, 192, 230
Decimal	9561814
CIELab	85.73, -29.37, -0.21
CIElCh	86, 29.366, 180.407
Yxy	67.4543, 0.2695, 0.3491
Android (android.graphics.Color)	4287751894 (0xFF91E6D6)
YUV	202.7610, 5.5408, -50.6564
Hunter-Lab	82.1306, -30.5478, 4.2812

Details

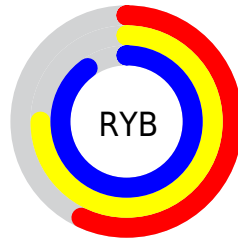
The RYB color **145, 192, 230** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **230, 145, 161**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **202, 229, 255**, and **90, 136, 174** is the 20% darker color. If you saturate the color by 10%, you get **122, 182, 230**, and if you desaturate by 10%, it is **168, 202, 230**.

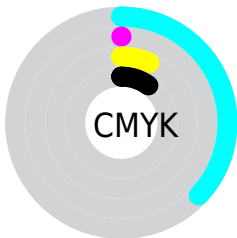
Distribution



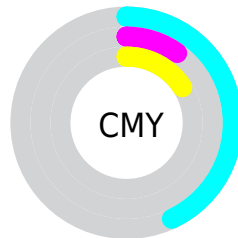
- Red (57%)
- Green (90%)
- Blue (84%)



- Red (57%)
- Yellow (75%)
- Blue (90%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (43%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 145, 192, 230 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, 192, 230 by changing the saturation by 10% instead.


 145, 192, 230

 145, 192, 230


255, 255, 255

 117, 164, 202

 202, 229, 255

 90, 136, 174

 231, 243, 255


 61, 108, 147

 30, 79, 121

 0, 51, 96

 0, 39, 72


 0, 27, 49

 0, 18, 29


 0, 0, 0


 145, 192, 230


 145, 192, 230

 122, 182, 230


 168, 202, 230

 99, 171, 230


 191, 212, 230

 76, 161, 230


 214, 223, 230

 53, 151, 230

 237, 230, 231

 30, 140, 230

 255, 230, 236

 7, 130, 230

 255, 230, 240

 0, 127, 230

 255, 230, 245

 255, 230, 249

 255, 230, 253

Harmonies

Analogous

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



173, 217, 227



145, 192, 230



133, 184, 241

Triad

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



145, 192, 230



219, 207, 255



255, 228, 167

Complementary

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



145, 192, 230



230, 145, 161

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, 197, 187



145, 192, 230



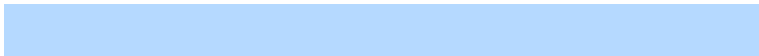
251, 198, 242

Square

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



145, 192, 230



181, 205, 255



255, 194, 215



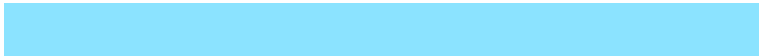
188, 234, 159

Rectangle

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



145, 192, 230



139, 189, 255



255, 194, 215



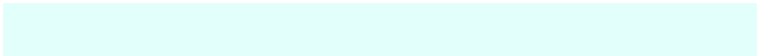
255, 216, 173

Sweetspot

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



145, 192, 230



227, 242, 255



145, 230, 213



111, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 192, 230



143, 205, 255



145, 180, 230



103, 110, 115



0, 99, 179



0, 28, 51

Inverse Universe

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



230, 145, 161



255, 143, 164



230, 182, 145



115, 103, 105



179, 0, 34



51, 0, 10

Previews

White Background



This preview shows how the RYB color 145, 192, 230 looks on a white background.

Color Contrast Check

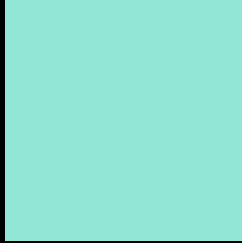
Large Text (above 18pt) WCAG AA × Fail

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, 192, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

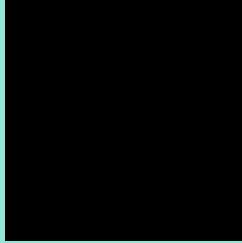
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

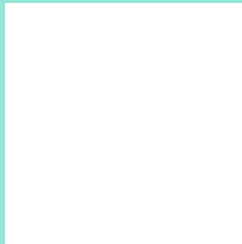
Any Text WCAG AAA ✓ Pass

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

RYB 145, 192, 230 Background



This preview shows how black text looks on a background with the RYB color 145, 192, 230.

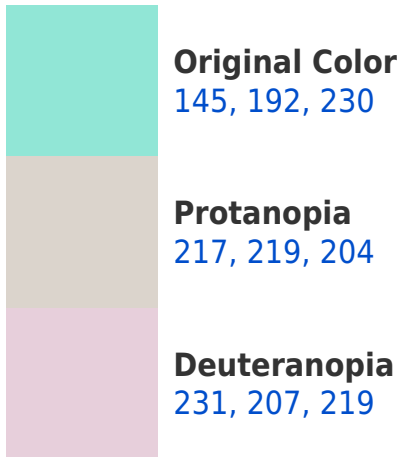



This preview shows how white text looks on a background with the RYB color 145, 192, 230.

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, 193, 244

Trichromacy



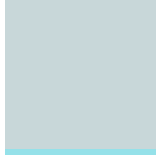
Original Color

145, 192, 230



Protanomaly

192, 209, 219



Deuteranomaly

200, 208, 217



Tritanomaly

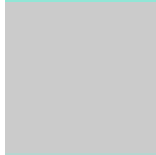
149, 189, 233

Monochromacy



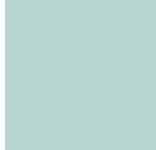
Original Color

145, 192, 230



Achromatopsia

203, 203, 203



Achromatomaly

182, 199, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 192, 230 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, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(145, 230, 214)  
}
```

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, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 230, 214) }
```

Border

The CSS property to change the border of an element to RYB 145, 192, 230 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, 230, 214) }
```

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

```
.border{ border-color:rgb(145, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(145, 230,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 145, 192, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 230, 214) }
```

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

```
.background{ background-color: rgb(145,  
230, 214) }
```

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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