

Converting Colors

`RYB(143, 235, 175)`

Have a look what the booklet for
RYB(143, 235, 175) contains.

RYB(143, 235, 175)	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(143, 235, 175)

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBEB8F</code>
RGB	<code>203, 235, 143</code>
RGB Percent	<code>80%, 92%, 56%</code>
CMY	<code>0.2039, 0.0784, 0.4392</code>
CMYK	<code>0.14, 0.00, 0.39, 0.08</code>
HSL	<code>81°, 70%, 74%</code>
HSV	<code>81°, 39%, 92%</code>
XYZ	<code>59.2949, 74.0963, 37.1635</code>
YIQ	<code>214.9440, 10.4600, -35.3960</code>

Conversions

Conversions Part 2

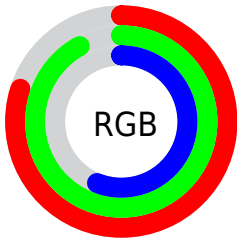
Format	Color
RYB	143, 235, 175
Decimal	13364111
CIELab	88.97, -25.22, 41.21
CIElCh	89, 48.312, 121.464
Yxy	74.0963, 0.3477, 0.4344
Android (android.graphics.Color)	4291554191 (0xFFCBE88F)
YUV	214.9440, -35.4684, -10.4749
Hunter-Lab	86.0792, -27.6806, 34.6579

Details

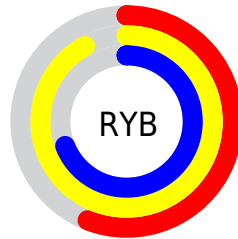
The RYB color **143, 235, 175** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **175, 143, 235**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **198, 255, 198**, and **91, 179, 123** is the 20% darker color. If you saturate the color by 10%, you get **120, 235, 160**, and if you desaturate by 10%, it is **166, 235, 190**.

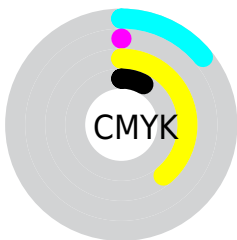
Distribution



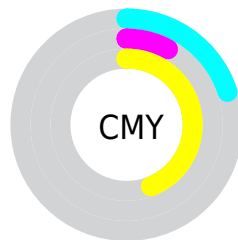
- Red (80%)
- Green (92%)
- Blue (56%)



- Red (56%)
- Yellow (92%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (39%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 235, 175 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 143, 235, 175 by changing the saturation by 10% instead.

 143, 235, 175


255, 255, 255


 198, 255, 198


 226, 255, 226

 143, 235, 175

 117, 207, 149

 91, 179, 123

 66, 152, 97

 41, 126, 72

 14, 101, 46

 0, 77, 33

 0, 54, 35

 0, 33, 33

 0, 0, 0

 143, 235, 175

 143, 235, 175

 120, 235, 160

 166, 235, 190

 96, 235, 144

 190, 235, 206

 73, 235, 130

 214, 235, 221

 49, 235, 114

 236, 235, 237

 25, 235, 98

 244, 235, 255

 2, 235, 83

 252, 235, 255

 0, 235, 82

 255, 235, 255

Harmonies

Analogous

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



170, 251, 130



143, 235, 175



147, 221, 244

Triad

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



143, 235, 175



66, 157, 255



255, 187, 223

Complementary

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



143, 235, 175



175, 143, 235

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, 195, 255



143, 235, 175



158, 198, 255

Square

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



143, 235, 175



0, 125, 255



231, 211, 255



255, 195, 178

Rectangle

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



143, 235, 175



104, 187, 247



231, 211, 255



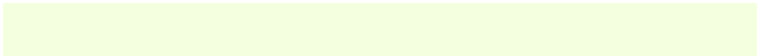
255, 188, 239

Sweetspot

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



143, 235, 175



224, 255, 235



235, 190, 143



110, 128, 117



0, 0, 0



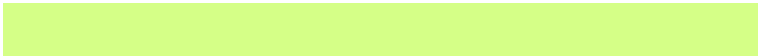
128, 128, 128

Same Dimension

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



143, 235, 175



135, 255, 177



143, 235, 220



106, 117, 110



0, 181, 63



0, 54, 19

Inverse Universe

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



175, 143, 235



177, 135, 255



220, 143, 235



110, 106, 117



63, 0, 181



19, 0, 54

Previews

White Background



This preview shows how the RYB color 143, 235, 175 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 143, 235, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

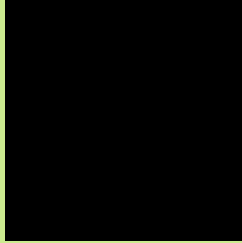
Any Text WCAG AA ✓ Pass

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 143, 235, 175 Background



This preview shows how black text looks on a background with the RYB color 143, 235, 175.

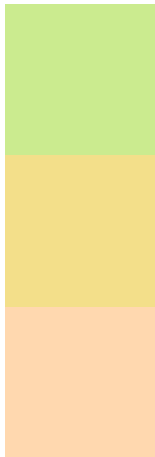


This preview shows how white text looks on a background with the RYB color 143, 235, 175.

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
143, 235, 175

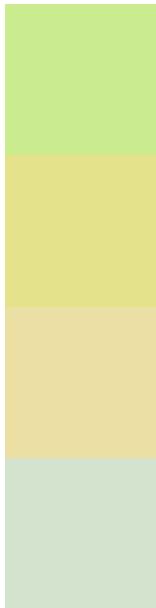
Protanopia
163, 243, 138

Deuteranopia
251, 255, 175



Tritanopia
216, 221, 241

Trichromacy



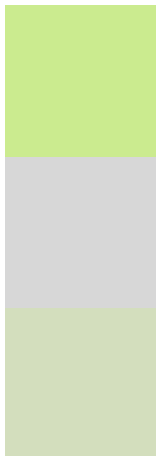
Original Color
143, 235, 175

Protanomaly
141, 228, 140

Deuteranomaly
179, 236, 163

Tritanomaly
205, 227, 221

Monochromacy



Original Color
143, 235, 175

Achromatopsia
215, 215, 215

Achromatomaly
189, 222, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 235, 175 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(203, 235, 143)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 143)  
}
```

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(203, 235, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 143) }
```

Border

The CSS property to change the border of an element to RYB 143, 235, 175 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(203, 235, 143) }
```

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

```
.border{ border-color:rgb(203, 235, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 235, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 235, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 235, 143); box-shadow:4px 4px 4px 4px rgb(203, 235, 143) }
```

Background

The CSS property to change the background color of an element to RYB 143, 235, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 235, 143) }
```

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

```
.background{ background-color: rgb(203,  
235, 143) }
```

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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