

Converting Colors

`RYB(115, 212, 235)`

Have a look what the booklet for
RYB(115, 212, 235) contains.

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Color

R_YB(115, 212, 235)

Conversions

Conversions Part 1

Format	Color
Hex	73EB8F
RGB	115, 235, 143
RGB Percent	45%, 92%, 56%
CMY	0.5490, 0.0784, 0.4374
CMYK	0.51, 0.00, 0.39, 0.08
HSL	134°, 75%, 69%
HSV	134°, 51%, 92%
XYZ	41.7709, 65.0584, 36.5231
YIQ	188.6320, -41.9880, -54.0520

Conversions

Conversions Part 2

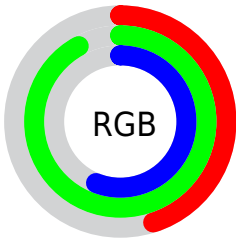
Format	Color
RYB	115, 212, 235
Decimal	7596943
CIELab	84.51, -53.10, 34.34
CIElCh	85, 63.239, 147.114
Yxy	65.0584, 0.2914, 0.4538
Android (android.graphics.Color)	4285787023 (0xFF73EB8F)
YUV	188.6320, -22.4966, -64.5753
Hunter-Lab	80.6588, -48.7128, 29.6141

Details

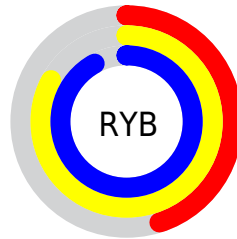
The RYB color **115, 212, 235** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **235, 115, 207**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **174, 236, 255**, and **52, 148, 178** is the 20% darker color. If you saturate the color by 10%, you get **92, 208, 235**, and if you desaturate by 10%, it is **139, 217, 235**.

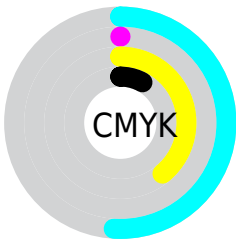
Distribution



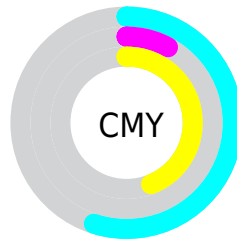
- Red (45%)
- Green (92%)
- Blue (56%)



- Red (45%)
- Yellow (83%)
- Blue (92%)



- Cyan (51%)
- Magenta (0%)
- Yellow (39%)
- Black (8%)



- Cyan (55%)
- Magenta (8%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 212, 235 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 115, 212, 235 by changing the saturation by 10% instead.

 115, 212, 235


255, 255, 255

 174, 236, 255


 203, 239, 255

 233, 244, 255


 115, 212, 235

 85, 181, 206

 52, 148, 178

 0, 105, 151

 0, 92, 124

 0, 83, 98

 0, 73, 73

 0, 50, 50

 0, 24, 24

 0, 0, 0

 115, 212, 235


 115, 212, 235

 92, 208, 235


 139, 217, 235

 68, 203, 235

 162, 221, 235

 45, 199, 235

 186, 226, 235

 21, 194, 235

 209, 230, 235

 0, 190, 235

 233, 235, 235

 255, 235, 251

 255, 235, 255

Harmonies

Analogous

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



99, 224, 132



115, 212, 235



0, 130, 240

Triad

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



115, 212, 235



71, 153, 255



255, 164, 160

Complementary

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



115, 212, 235



235, 115, 207

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, 160, 219



115, 212, 235



205, 198, 255

Square

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



115, 212, 235



0, 122, 255



255, 174, 255



251, 255, 111

Rectangle

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



115, 212, 235



0, 121, 244



255, 174, 255



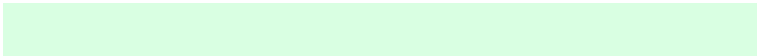
255, 161, 179

Sweetspot

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



115, 212, 235



217, 248, 255



115, 235, 143



105, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



115, 212, 235



99, 225, 255



115, 184, 235



106, 115, 117



0, 146, 181



0, 44, 54

Inverse Universe

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



235, 115, 207



255, 99, 218



235, 115, 147



117, 106, 115



181, 0, 138



54, 0, 41

Previews

White Background



This preview shows how the RYB color 115, 212, 235 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 115, 212, 235 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 115, 212, 235 Background



This preview shows how black text looks on a background with the RYB color 115, 212, 235.

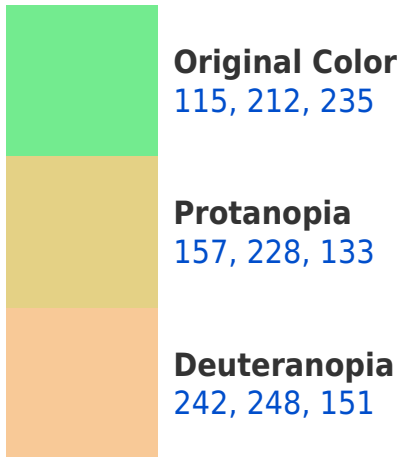



This preview shows how white text looks on a background with the RYB color 115, 212, 235.

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





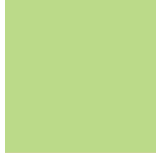
Tritanopia
139, 185, 241

Trichromacy



Original Color

115, 212, 235



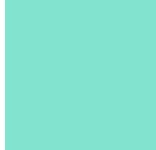
Protanomaly

137, 218, 168



Deuteranomaly

148, 213, 161



Tritanomaly

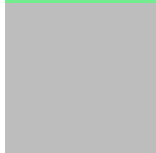
130, 184, 227

Monochromacy



Original Color

115, 212, 235



Achromatopsia

189, 189, 189



Achromatomaly

162, 198, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 212, 235 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(115, 235, 143)` looks like.

```
.text, #text, p{  
    color:rgb(115, 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(115, 235, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 235, 143) }
```

Border

The CSS property to change the border of an element to RYB 115, 212, 235 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(115, 235, 143) }
```

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

```
.border{ border-color:rgb(115, 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(115, 235, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 235, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 235, 143);  
box-shadow:4px 4px 4px 4px rgb(115, 235,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 115, 212, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 235, 143) }
```

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

```
.background{ background-color: rgb(115,  
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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