

Converting Colors

`RYB(98, 226, 209)`

Have a look what the booklet for
RYB(98, 226, 209) contains.

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Color

RYB(98, 226, 209)

Conversions

Conversions Part 1

Format	Color
Hex	73E262
RGB	115, 226, 98
RGB Percent	45%, 89%, 38%
CMY	0.5490, 0.1137, 0.6157
CMYK	0.49, 0.00, 0.57, 0.11
HSL	112°, 69%, 64%
HSV	112°, 57%, 89%
XYZ	36.4712, 58.9194, 21.0056
YIQ	178.2190, -25.0680, -63.3400

Conversions

Conversions Part 2

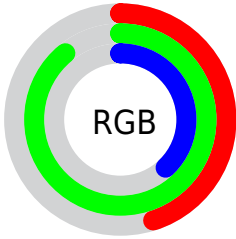
Format	Color
RYB	98, 226, 209
Decimal	7594594
CIELab	81.25, -55.83, 52.10
CIELCh	81, 76.369, 136.979
Yxy	58.9194, 0.3133, 0.5062
Android (android.graphics.Color)	4285784674 (0xFF73E262)
YUV	178.2190, -39.5480, -55.4431
Hunter-Lab	76.7590, -49.5159, 37.5062

Details

The RYB color **98, 226, 209** is a light color, and the websafe version is hex **66CC33**. A complement of this color would be **209, 98, 226**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **152, 255, 233**, and **44, 170, 162** is the 20% darker color. If you saturate the color by 10%, you get **75, 226, 206**, and if you desaturate by 10%, it is **121, 226, 212**.

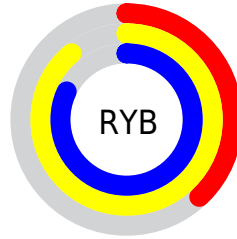
Distribution



Red (45%)

Green (89%)

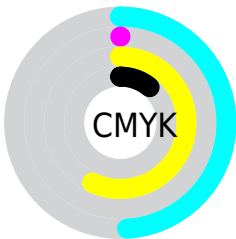
Blue (38%)



Red (38%)

Yellow (89%)

Blue (82%)

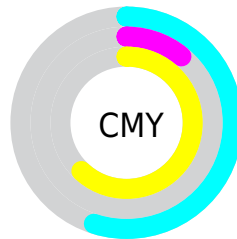


Cyan (49%)

Magenta (0%)

Yellow (57%)

Black (11%)



Cyan (55%)







Magenta (11%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 226, 209 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 98, 226, 209 by changing the saturation by 10% instead.

 98, 226, 209	 98, 226, 209
 255, 255, 255	 71, 198, 184
 152, 255, 233	 44, 170, 162
 180, 255, 232	 0, 133, 142
 208, 255, 230	 0, 116, 116
 237, 255, 237	 0, 90, 90
	 0, 65, 65
	 0, 43, 43
	 0, 9, 9
	 0, 0, 0

■ 98, 226, 209

■ 98, 226, 209

■ 75, 226, 206

■ 121, 226, 212

■ 53, 226, 203

■ 143, 226, 215

■ 30, 226, 200

■ 166, 226, 218

■ 8, 226, 197

■ 188, 226, 221

■ 0, 226, 196

■ 211, 226, 224

■ 233, 226, 234

■ 252, 226, 255

■ 255, 226, 255

Harmonies

Analogous

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



47, 211, 58



98, 226, 209



0, 137, 234

Triad

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



98, 226, 209



0, 118, 255



255, 135, 164

Complementary

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



98, 226, 209



209, 98, 226

Split Complementary

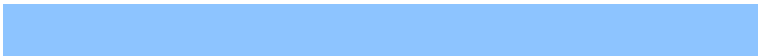
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 138, 236



98, 226, 209



141, 178, 255

Square

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



98, 226, 209



0, 121, 255



255, 165, 255



255, 194, 99

Rectangle

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



98, 226, 209



0, 123, 236



255, 165, 255



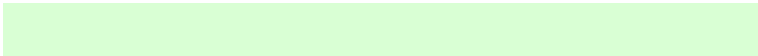
255, 133, 188

Sweetspot

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



98, 226, 209



212, 255, 250



118, 226, 98



102, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



98, 226, 209



82, 255, 232



98, 192, 226



101, 112, 111



0, 176, 153



0, 48, 42

Inverse Universe

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



209, 98, 226



232, 82, 255



226, 98, 179



111, 101, 112



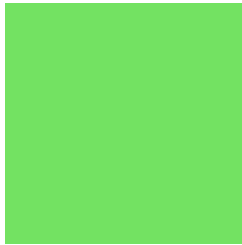
153, 0, 176



42, 0, 48

Previews

White Background



This preview shows how the RYB color 98, 226, 209 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 98, 226, 209 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 98, 226, 209 Background



This preview shows how black text looks on a background with the RYB color 98, 226, 209.

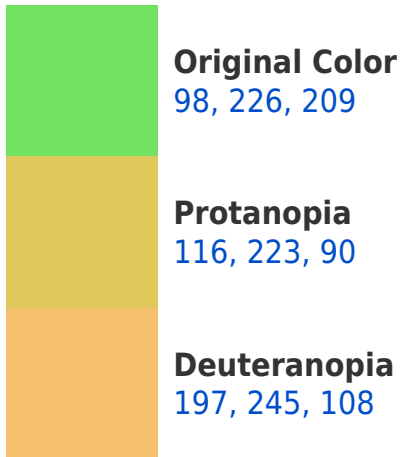


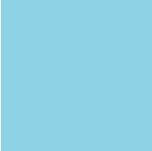
This preview shows how white text looks on a background with the RYB color 98, 226, 209.

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
141, 180, 229

Trichromacy



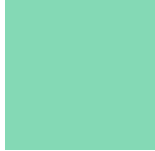
Original Color
98, 226, 209



Protanomaly
93, 210, 119



Deuteranomaly
104, 204, 110

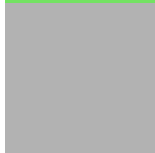


Tritanomaly
132, 186, 217

Monochromacy



Original Color
98, 226, 209



Achromatopsia
178, 178, 178



Achromatomaly
149, 195, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 226, 209 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, 226, 98)` looks like.

```
.text, #text, p{  
    color:rgb(115, 226, 98)  
}
```

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, 226, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 226, 98) }
```

Border

The CSS property to change the border of an element to RYB 98, 226, 209 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, 226, 98) }
```

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

```
.border{ border-color:rgb(115, 226, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 226, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 226, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 226, 98);  
box-shadow:4px 4px 4px 4px rgb(115, 226,  
98) }
```

Background

The CSS property to change the background color of an element to RYB 98, 226, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 226, 98) }
```

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

```
.background{ background-color: rgb(115,  
226, 98) }
```

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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