

Converting Colors

`RYB(108, 255, 227)`

Have a look what the booklet for
RYB(108, 255, 227) contains.

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Color

R_YB(108, 255, 227)

Conversions

Conversions Part 1

Format	Color
Hex	88FF6C
RGB	136, 255, 108
RGB Percent	53%, 100%, 42%
CMY	0.4667, 0.0000, 0.5765
CMYK	0.47, 0.00, 0.58, 0.00
HSL	109°, 100%, 71%
HSV	109°, 58%, 100%
XYZ	48.6201, 77.8369, 26.6488
YIQ	202.6610, -23.7370, -70.9450

Conversions

Conversions Part 2

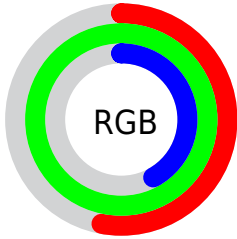
Format	Color
RYB	108, 255, 227
Decimal	8978284
CIELab	90.71, -60.06, 58.87
CIELCh	91, 84.100, 135.572
Yxy	77.8369, 0.3176, 0.5084
Android (android.graphics.Color)	4287168364 (0xFF88FF6C)
YUV	202.6610, -46.6679, -58.4617
Hunter-Lab	88.2253, -56.0245, 43.8489

Details

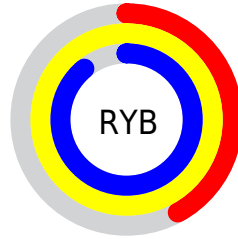
The RYB color **108, 255, 227** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **227, 108, 255**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **163, 255, 222**, and **52, 197, 175** is the 20% darker color. If you saturate the color by 10%, you get **83, 255, 223**, and if you desaturate by 10%, it is **134, 255, 232**.

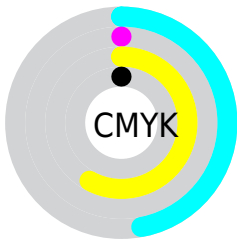
Distribution



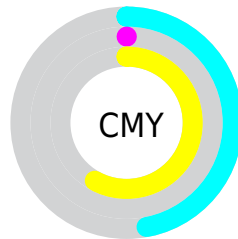
- Red (53%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 255, 227 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 108, 255, 227 by changing the saturation by 10% instead.

 108, 255, 227

255, 255, 255

 163, 255, 222


 192, 255, 221


 220, 255, 220

 250, 255, 250


 108, 255, 227

 81, 226, 201

 52, 197, 175

 18, 169, 152

 0, 142, 142

 0, 116, 116

 0, 90, 90

 0, 65, 65

 0, 42, 42

 0, 5, 5

■ 108, 255, 227

■ 108, 255, 227

■ 83, 255, 223

■ 134, 255, 232

■ 57, 255, 217

■ 159, 255, 237

■ 32, 255, 213

■ 185, 255, 242

■ 6, 255, 208

■ 210, 255, 246

■ 0, 255, 206

■ 236, 255, 252

255, 255, 255

Harmonies

Analogous

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



51, 237, 58



108, 255, 227



0, 148, 255

Triad

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



108, 255, 227



0, 126, 255



255, 153, 190

Complementary

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



108, 255, 227



227, 108, 255

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, 158, 255



108, 255, 227



151, 194, 255

Square

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



108, 255, 227



0, 128, 255



255, 188, 255



255, 225, 116

Rectangle

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



108, 255, 227



0, 131, 255



255, 188, 255



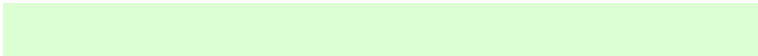
255, 150, 217

Sweetspot

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



108, 255, 227



212, 255, 247



144, 255, 108



102, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



108, 255, 227



79, 255, 221



108, 221, 255



115, 128, 126



0, 191, 155



0, 64, 52

Inverse Universe

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



227, 108, 255



221, 79, 255



255, 108, 211



125, 115, 128



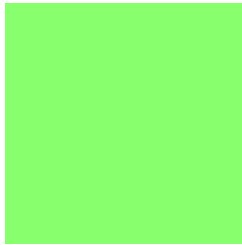
155, 0, 191



52, 0, 64

Previews

White Background



This preview shows how the RYB color 108, 255, 227 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 108, 255, 227 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 108, 255, 227 Background



This preview shows how black text looks on a background with the RYB color 108, 255, 227.

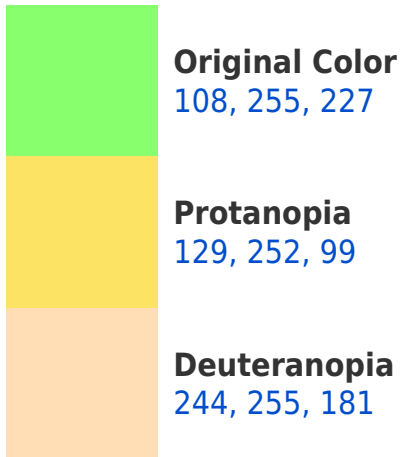


This preview shows how white text looks on a background with the RYB color 108, 255, 227.

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





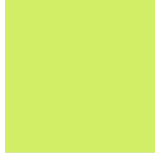
Tritanopia
174, 210, 255

Trichromacy



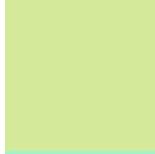
Original Color

108, 255, 227



Protanomaly

102, 237, 129



Deuteranomaly

154, 233, 175



Tritanomaly

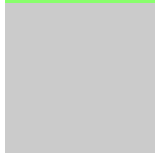
160, 216, 244

Monochromacy



Original Color

108, 255, 227



Achromatopsia

203, 203, 203



Achromatomaly

168, 222, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 255, 227 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(136, 255, 108)` looks like.

```
.text, #text, p{  
    color:rgb(136, 255, 108)  
}
```

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(136, 255, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 255, 227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

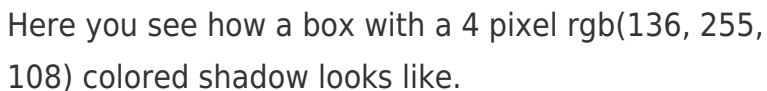
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 255, 108) }
```

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

```
.border{ border-color:rgb(136, 255, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 255, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 255, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 255, 108); box-shadow:4px 4px 4px 4px rgb(136, 255, 108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 255, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 108) }
```

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

```
.background{ background-color: rgb(136,  
255, 108) }
```

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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