

Converting Colors

`RYB(9, 254, 254)`

Have a look what the booklet for
RYB(9, 254, 254) contains.

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Color

RYB(9, 254, 254)

Conversions

Conversions Part 1

Format	Color
Hex	09FE09
RGB	9, 254, 9
RGB Percent	4%, 100%, 4%
CMY	0.9647, 0.0039, 0.9647
CMYK	0.96, 0.00, 0.96, 0.00
HSL	120°, 99%, 52%
HSV	120°, 96%, 100%
XYZ	35.6038, 70.9614, 12.0789
YIQ	152.8150, -67.3750, -128.1350

Conversions

Conversions Part 2

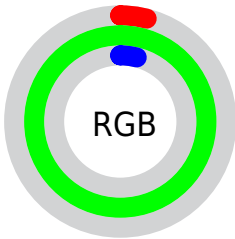
Format	Color
R _Y B	9, 254, 254
Decimal	654857
CIE Lab	87.47, -85.54, 82.29
CIE LCh	87, 118.700, 136.110
Yxy	70.9614, 0.3001, 0.5981
Android (android.graphics.Color)	4278844937 (0xFF09FE09)
YUV	152.8150, -70.9008, -126.1258
Hunter-Lab	84.2386, -71.9738, 50.4655

Details

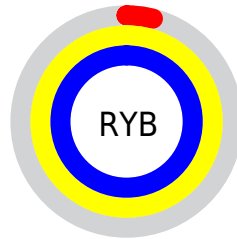
The RYB color **9, 254, 254** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **254, 9, 254**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **94, 255, 228**, and **0, 195, 195** is the 20% darker color. If you saturate the color by 10%, you get **0, 254, 254**, and if you desaturate by 10%, it is **34, 254, 254**.

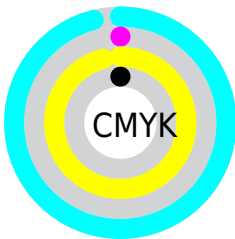
Distribution



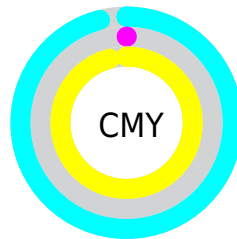
- Red (4%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)












- Cyan (96%)
- Magenta (0%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the RYB color 9, 254, 254 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 9, 254, 254 by changing the saturation by 10% instead.

 9, 254, 254	 9, 254, 254
 255, 255, 255	 0, 224, 224
 94, 255, 228	 0, 195, 195
 125, 255, 224	 0, 167, 167
 154, 255, 219	 0, 139, 139
 184, 255, 216	 0, 112, 112
 214, 255, 214	 0, 85, 85
 244, 255, 244	 0, 60, 60
	 0, 33, 33
	 0, 0, 0

 9, 254, 254

 9, 254, 254

 0, 254, 254

 34, 254, 254

 60, 254, 254

 85, 254, 254

 111, 254, 254

 136, 254, 254

 161, 254, 254

 187, 254, 254

 212, 254, 254

 238, 254, 254

Harmonies

Analogous

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



0, 233, 25



9, 254, 254



0, 156, 255

Triad

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



9, 254, 254



0, 126, 255



255, 66, 164

Complementary

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



9, 254, 254



254, 9, 254

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, 79, 255



9, 254, 254



0, 116, 255

Square

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



9, 254, 254



0, 128, 255



255, 154, 255



255, 200, 51

Rectangle

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



9, 254, 254



0, 131, 255



255, 154, 255



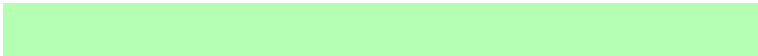
255, 53, 201

Sweetspot

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



9, 254, 254



181, 255, 255



9, 254, 9



83, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



9, 254, 254



0, 255, 255



9, 172, 254



115, 128, 128



0, 191, 191



0, 64, 64

Inverse Universe

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



254, 9, 254



255, 0, 255



254, 9, 132



128, 115, 128



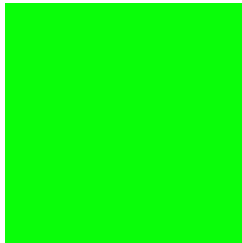
191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RYB color 9, 254, 254 looks on a white background.

Color Contrast Check

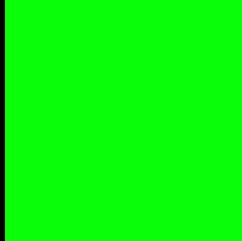
Large Text (above 18pt) WCAG AA × Fail

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 9, 254, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

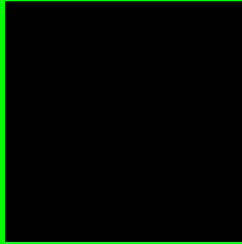
Any Text WCAG AA ✓ Pass

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 9, 254, 254 Background



This preview shows how black text looks on a background with the RYB color 9, 254, 254.



This preview shows how white text looks on a background with the RYB color 9, 254, 254.

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

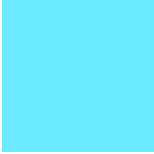
9, 254, 254

Protanopia

32, 245, 0

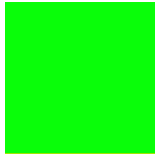
Deuteranopia

214, 255, 140



Tritanopia
108, 176, 255

Trichromacy



Original Color

9, 254, 254



Protanomaly

3, 230, 74



Deuteranomaly

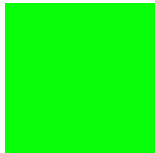
92, 226, 152



Tritanomaly

72, 182, 243

Monochromacy



Original Color

9, 254, 254



Achromatopsia

153, 153, 153



Achromatomaly

101, 190, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 9, 254, 254 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(9, 254, 9)` looks like.

```
.text, #text, p{  
    color:rgb(9, 254, 9)  
}
```

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(9, 254, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 254, 9) }
```

Border

The CSS property to change the border of an element to RYB 9, 254, 254 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(9, 254, 9) }
```

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

```
.border{ border-color:rgb(9, 254, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 254, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 254, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 254, 9); box-shadow:4px  
4px 4px 4px rgb(9, 254, 9) }
```

Background

The CSS property to change the background color of an element to RYB 9, 254, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 254, 9) }
```

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

```
.background{ background-color: rgb(9, 254,  
9) }
```

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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