

Converting Colors

`RYB(11, 134, 224)`

Have a look what the booklet for RYB(11, 134, 224) contains.

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Color

`RYB(11, 134, 224)`

Conversions

Conversions Part 1

Format	Color
Hex	0BE0A7
RGB	11, 224, 167
RGB Percent	4%, 88%, 65%
CMY	0.9569, 0.1216, 0.3457
CMYK	0.95, 0.00, 0.26, 0.12
HSL	164°, 91%, 46%
HSV	164°, 95%, 88%
XYZ	33.7552, 56.1671, 45.5506
YIQ	153.8150, -108.6510, -62.8830

Conversions

Conversions Part 2

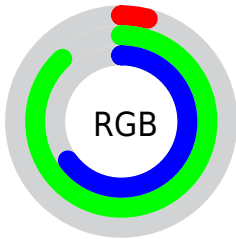
Format	Color
R _Y B	11, 134, 224
Decimal	778407
CIE Lab	79.71, -58.46, 15.43
CIE LCh	80, 60.459, 165.209
Yxy	56.1671, 0.2492, 0.4146
Android (android.graphics.Color)	4278968487 (0xFF0BE0A7)
YUV	153.8150, 6.5002, -125.2488
Hunter-Lab	74.9447, -50.7566, 16.4255

Details

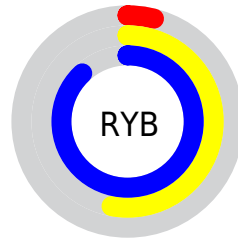
The RYB color **11, 134, 224** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **224, 11, 68**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **109, 191, 255**, and **0, 99, 167** is the 20% darker color. If you saturate the color by 10%, you get **0, 129, 224**, and if you desaturate by 10%, it is **33, 143, 224**.

Distribution



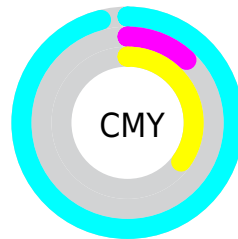
- Red (4%)
- Green (88%)
- Blue (65%)



- Red (4%)
- Yellow (53%)
- Blue (88%)



- Cyan (95%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



















- Cyan (96%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 11, 134, 224 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 11, 134, 224 by changing the saturation by 10% instead.

 11, 134, 224	 11, 134, 224
 255, 255, 255	 0, 114, 195
 109, 191, 255	 0, 99, 167
 143, 200, 255	 0, 85, 140
 175, 215, 255	 0, 71, 113
 206, 231, 255	 0, 59, 88
 237, 246, 255	 0, 46, 63
	 0, 39, 39
	 0, 0, 0

 11, 134, 224  11, 134, 224

■ 0, 129, 224

■ 33, 143, 224

■ 56, 153, 224

■ 78, 162, 224

■ 101, 172, 224

■ 123, 181, 224

■ 145, 191, 224

■ 168, 200, 224

■ 190, 210, 224

■ 213, 219, 224

Harmonies

Analogous

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



115, 217, 193



11, 134, 224



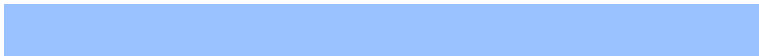
0, 113, 226

Triad

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



11, 134, 224



153, 182, 255



255, 185, 120

Complementary

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



11, 134, 224



224, 11, 68

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, 150, 171



11, 134, 224



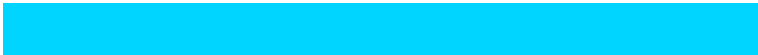
238, 171, 255

Square

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



11, 134, 224



0, 116, 255



255, 153, 228



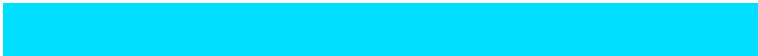
201, 253, 86

Rectangle

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



11, 134, 224



0, 119, 255



255, 153, 228



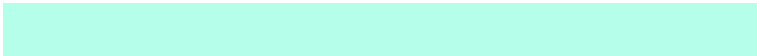
255, 163, 136

Sweetspot

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



11, 134, 224



181, 224, 255



11, 224, 164



83, 109, 128



0, 0, 0



128, 128, 128

Same Dimension

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



11, 134, 224



0, 147, 255



11, 105, 224



101, 107, 112



0, 102, 176



0, 28, 48

Inverse Universe

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



224, 11, 68



255, 0, 68



224, 70, 11



112, 101, 104



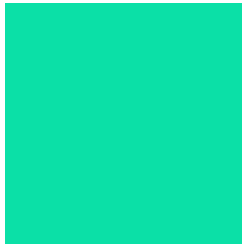
176, 0, 47



48, 0, 13

Previews

White Background



This preview shows how the RYB color 11, 134, 224 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 11, 134, 224 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

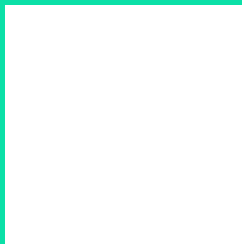
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 11, 134, 224 Background



This preview shows how black text looks on a background with the R Y B color 11, 134, 224.

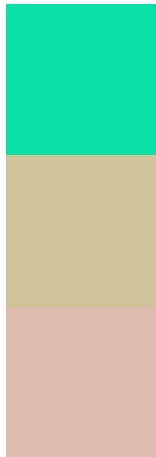


This preview shows how white text looks on a background with the R Y B color 11, 134, 224.

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](#).

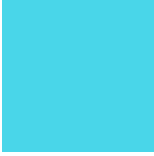
Dichromacy



Original Color
11, 134, 224

Protanopia
172, 209, 153

Deuteranopia
222, 195, 175



Tritanopia
73, 148, 233

Trichromacy



Original Color

11, 134, 224



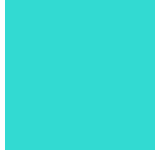
Protanomaly

137, 190, 206



Deuteranomaly

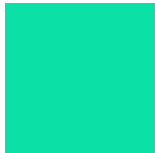
145, 184, 202



Tritanomaly

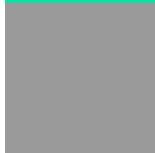
50, 136, 218

Monochromacy



Original Color

11, 134, 224



Achromatopsia

154, 154, 154



Achromatomaly

102, 146, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 11, 134, 224 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(11, 224, 167)` looks like.

```
.text, #text, p{  
    color:rgb(11, 224, 167)  
}
```

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(11, 224, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 224, 167) }
```

Border

The CSS property to change the border of an element to RYB 11, 134, 224 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(11, 224, 167) }
```

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

```
.border{ border-color:rgb(11, 224, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 224, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 224, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 224, 167);  
box-shadow:4px 4px 4px 4px rgb(11, 224,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 11, 134, 224 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 224, 167) }
```

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

```
.background{ background-color: rgb(11, 224,  
167) }
```

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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