

Converting Colors

`RYB(128, 227, 214)`

Have a look what the booklet for
RYB(128, 227, 214) contains.

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Color

R_YB(128, 227, 214)

Conversions

Conversions Part 1

Format	Color
Hex	8DE380
RGB	141, 227, 128
RGB Percent	55%, 89%, 50%
CMY	0.4471, 0.1098, 0.4980
CMYK	0.38, 0.00, 0.44, 0.11
HSL	112°, 64%, 70%
HSV	112°, 44%, 89%
XYZ	42.3499, 62.1594, 30.1880
YIQ	190.0000, -19.4770, -49.0210

Conversions

Conversions Part 2

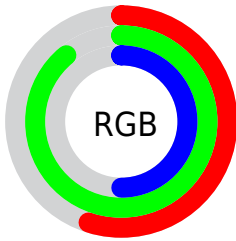
Format	Color
RYB	128, 227, 214
Decimal	9298816
CIELab	83.00, -44.82, 40.27
CIElCh	83, 60.258, 138.061
Yxy	62.1594, 0.3144, 0.4615
Android (android.graphics.Color)	4287488896 (0xFF8DE380)
YUV	190.0000, -30.5660, -42.9730
Hunter-Lab	78.8412, -42.0902, 32.4870

Details

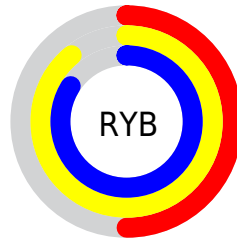
The RYB color **128, 227, 214** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **214, 128, 227**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **182, 255, 239**, and **77, 171, 163** is the 20% darker color. If you saturate the color by 10%, you get **105, 227, 211**, and if you desaturate by 10%, it is **151, 227, 217**.

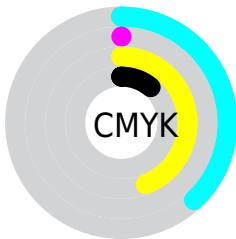
Distribution



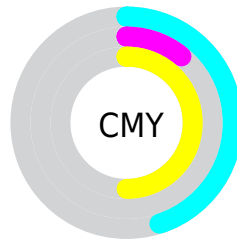
- Red (55%)
- Green (89%)
- Blue (50%)



- Red (50%)
- Yellow (89%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 227, 214 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 128, 227, 214 by changing the saturation by 10% instead.

 128, 227, 214


255, 255, 255


 182, 255, 239


 210, 255, 238


 239, 255, 239

 128, 227, 214

 102, 199, 188

 77, 171, 163


 52, 144, 139

 23, 115, 118

 0, 92, 92

 0, 68, 68

 0, 45, 45


 0, 18, 18

 0, 0, 0

 128, 227, 214

 128, 227, 214

 105, 227, 211

 151, 227, 217

 83, 227, 208

 173, 227, 220

 60, 227, 205

 196, 227, 223

 37, 227, 202

 219, 227, 226

 15, 227, 200

 240, 227, 241

 0, 227, 197

 255, 227, 255

Harmonies

Analogous

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



94, 214, 102



128, 227, 214



4, 134, 234

Triad

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



128, 227, 214



0, 118, 255



255, 160, 175

Complementary

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



128, 227, 214



214, 128, 227

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, 161, 232



128, 227, 214



173, 194, 255

Square

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



128, 227, 214



0, 121, 255



254, 178, 255



255, 208, 124

Rectangle

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



128, 227, 214



0, 121, 235



254, 178, 255



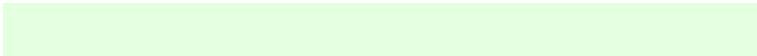
255, 158, 193

Sweetspot

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



128, 227, 214



222, 255, 251



143, 227, 128



107, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



128, 227, 214



122, 255, 237



128, 201, 227



103, 115, 113



0, 179, 156



0, 51, 44

Inverse Universe

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



214, 128, 227



238, 122, 255



227, 128, 191



113, 103, 115



155, 0, 179



44, 0, 51

Previews

White Background



This preview shows how the RYB color 128, 227, 214 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 128, 227, 214 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 128, 227, 214 Background



This preview shows how black text looks on a background with the RYB color 128, 227, 214.

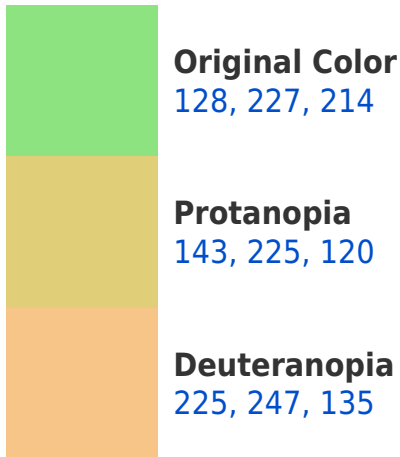


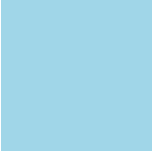
This preview shows how white text looks on a background with the RYB color 128, 227, 214.

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





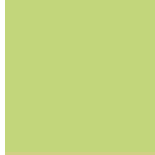
Tritanopia
160, 191, 232

Trichromacy



Original Color

128, 227, 214



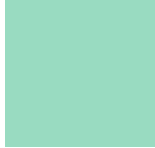
Protanomaly

123, 214, 143



Deuteranomaly

132, 208, 132



Tritanomaly

153, 194, 219

Monochromacy



Original Color

128, 227, 214



Achromatopsia

190, 190, 190



Achromatomaly

167, 203, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 227, 214 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(141, 227, 128)` looks like.

```
.text, #text, p{  
    color:rgb(141, 227, 128)  
}
```

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(141, 227, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 227, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 227, 214 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(141, 227, 128) }
```

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

```
.border{ border-color:rgb(141, 227, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 227, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 227, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 227, 128); box-shadow:4px 4px 4px 4px rgb(141, 227, 128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 227, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 227, 128) }
```

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

```
.background{ background-color: rgb(141,  
227, 128) }
```

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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