

Converting Colors

`RYB(129, 184, 224)`

Have a look what the booklet for
RYB(129, 184, 224) contains.

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Color

R_YB(129, 184, 224)

Conversions

Conversions Part 1

Format	Color
Hex	81E0C6
RGB	129, 224, 198
RGB Percent	51%, 88%, 78%
CMY	0.4941, 0.1216, 0.2232
CMYK	0.42, 0.00, 0.12, 0.12
HSL	164°, 61%, 69%
HSV	164°, 42%, 88%
XYZ	45.9124, 62.0599, 63.0400
YIQ	192.6310, -48.2740, -28.2260

Conversions

Conversions Part 2

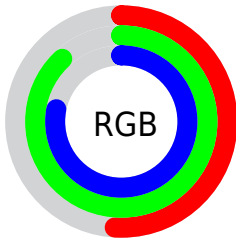
Format	Color
RYB	129, 184, 224
Decimal	8511686
CIELab	82.95, -34.17, 3.90
CIElCh	83, 34.396, 173.484
Yxy	62.0599, 0.2685, 0.3629
Android (android.graphics.Color)	4286701766 (0xFF81E0C6)
YUV	192.6310, 2.6469, -55.8044
Hunter-Lab	78.7781, -33.8305, 7.6995

Details

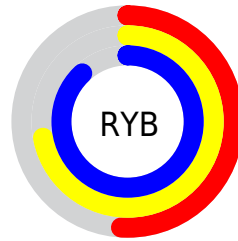
The RYB color **129, 184, 224** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **224, 129, 155**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **186, 221, 255**, and **72, 127, 168** is the 20% darker color. If you saturate the color by 10%, you get **107, 175, 224**, and if you desaturate by 10%, it is **151, 193, 224**.

Distribution



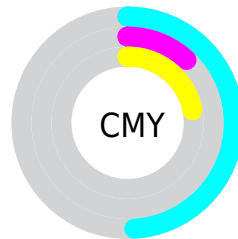
- Red (51%)
- Green (88%)
- Blue (78%)



- Red (51%)
- Yellow (72%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 184, 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 129, 184, 224 by changing the saturation by 10% instead.

 129, 184, 224


255, 255, 255


 186, 221, 255


 215, 235, 255

 244, 250, 255

 129, 184, 224


 101, 156, 196

 72, 127, 168


 41, 97, 141

 0, 64, 116

 0, 51, 90

 0, 38, 66


 0, 26, 43


 0, 17, 18


 0, 0, 0

 129, 184, 224


 129, 184, 224

 107, 175, 224


 151, 193, 224

 84, 165, 224


 174, 203, 224


 62, 156, 224

 196, 212, 224

 39, 146, 224

 219, 222, 224

 17, 137, 224

 241, 224, 229

 0, 130, 224

 255, 224, 235

 255, 224, 241

 255, 224, 247

 255, 224, 253

Harmonies

Analogous

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



166, 219, 220



129, 184, 224



104, 166, 231

Triad

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



129, 184, 224



201, 201, 255



255, 210, 156

Complementary

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



129, 184, 224



224, 129, 155

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, 184, 182



129, 184, 224



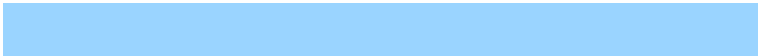
241, 190, 245

Square

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



129, 184, 224



154, 191, 255



255, 183, 215



195, 236, 142

Rectangle

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



129, 184, 224



106, 170, 250



255, 183, 215



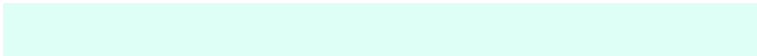
255, 197, 163

Sweetspot

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



129, 184, 224



222, 241, 255



129, 224, 197



107, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



129, 184, 224



125, 200, 255



129, 171, 224



101, 107, 112



0, 102, 176



0, 28, 48

Inverse Universe

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



224, 129, 155



255, 125, 160



224, 156, 129



112, 101, 104



176, 0, 48



48, 0, 13

Previews

White Background



This preview shows how the RYB color 129, 184, 224 looks on a white background.

Color Contrast Check

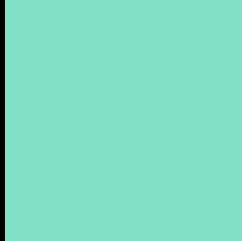
Large Text (above 18pt) WCAG AA × Fail

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 129, 184, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

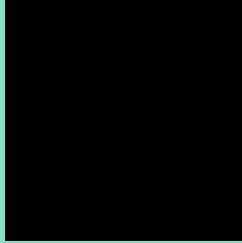
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

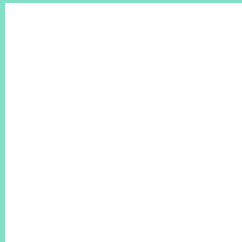
Any Text WCAG AAA ✓ Pass

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

RYB 129, 184, 224 Background



This preview shows how black text looks on a background with the RYB color 129, 184, 224.




This preview shows how white text looks on a background with the RYB color 129, 184, 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





Tritanopia
139, 183, 236

Trichromacy



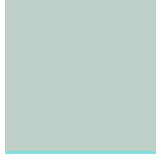
Original Color

129, 184, 224



Protanomaly

182, 205, 212



Deuteranomaly

191, 202, 208



Tritanomaly

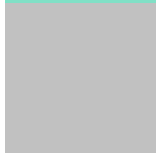
135, 178, 222

Monochromacy



Original Color

129, 184, 224



Achromatopsia

193, 193, 193



Achromatomaly

170, 190, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 184, 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(129, 224, 198)` looks like.

```
.text, #text, p{  
    color:rgb(129, 224, 198)  
}
```

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(129, 224, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 224, 198) }
```

Border

The CSS property to change the border of an element to RYB 129, 184, 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(129, 224, 198) }
```

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

```
.border{ border-color:rgb(129, 224, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 224, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 224, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 224, 198);  
box-shadow:4px 4px 4px 4px rgb(129, 224,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 129, 184, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 224, 198) }
```

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

```
.background{ background-color: rgb(129,  
224, 198) }
```

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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