

Converting Colors

`RYB(141, 224, 208)`

Have a look what the booklet for
RYB(141, 224, 208) contains.

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Color

R_YB(141, 224, 208)

Conversions

Conversions Part 1

Format	Color
Hex	9DE08D
RGB	157, 224, 141
RGB Percent	62%, 88%, 55%
CMY	0.3843, 0.1216, 0.4471
CMYK	0.30, 0.00, 0.37, 0.12
HSL	108°, 57%, 72%
HSV	108°, 37%, 88%
XYZ	45.3680, 62.4025, 34.8530
YIQ	194.5050, -13.2890, -40.0170

Conversions

Conversions Part 2

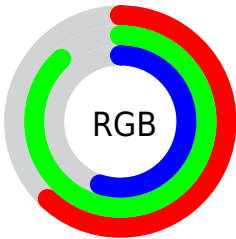
Format	Color
RYB	141, 224, 208
Decimal	10346637
CIELab	83.13, -36.51, 34.10
CIELCh	83, 49.959, 136.961
Yxy	62.4025, 0.3181, 0.4375
Android (android.graphics.Color)	4288536717 (0xFF9DE08D)
YUV	194.5050, -26.3780, -32.8919
Hunter-Lab	78.9952, -35.7268, 29.1377

Details

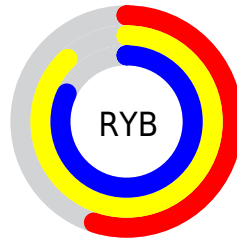
The RYB color **141, 224, 208** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **208, 141, 224**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **195, 255, 237**, and **90, 168, 155** is the 20% darker color. If you saturate the color by 10%, you get **119, 224, 204**, and if you desaturate by 10%, it is **163, 224, 212**.

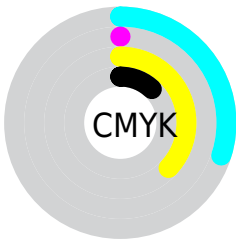
Distribution



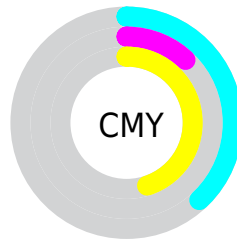
- Red (62%)
- Green (88%)
- Blue (55%)



- Red (55%)
- Yellow (88%)
- Blue (82%)



- Cyan (30%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)



- Cyan (38%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 224, 208 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 141, 224, 208 by changing the saturation by 10% instead.

 141, 224, 208

255, 255, 255

 195, 255, 237


 224, 255, 237


 252, 255, 252

 141, 224, 208

 115, 196, 181

 90, 168, 155


 65, 142, 130

 41, 116, 107

 17, 91, 88

 0, 66, 66

 0, 44, 44

 0, 19, 19

 0, 0, 0

 141, 224, 208


 141, 224, 208

 119, 224, 204

 163, 224, 212

 96, 224, 199

 186, 224, 217

 74, 224, 195

 208, 224, 221

 51, 224, 190

 229, 224, 231

 29, 224, 186

 247, 224, 253

 7, 224, 182

 255, 224, 255

 0, 224, 181

Harmonies

Analogous

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



115, 213, 118



141, 224, 208



90, 174, 230

Triad

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



141, 224, 208



87, 161, 255



255, 170, 182

Complementary

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



141, 224, 208



208, 141, 224

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, 172, 230



141, 224, 208



180, 198, 255

Square

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



141, 224, 208



0, 120, 255



245, 185, 255



255, 204, 140

Rectangle

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



141, 224, 208



0, 120, 232



245, 185, 255



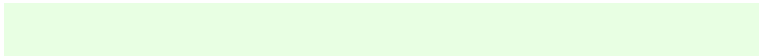
255, 169, 198

Sweetspot

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



141, 224, 208



227, 255, 250



162, 224, 141



111, 128, 125



0, 0, 0



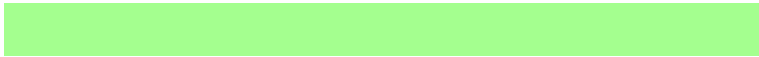
128, 128, 128

Same Dimension

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



141, 224, 208



143, 255, 234



141, 205, 224



101, 112, 110



0, 176, 142



0, 48, 39

Inverse Universe

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



208, 141, 224



233, 143, 255



224, 141, 199



110, 101, 112



142, 0, 176



39, 0, 48

Previews

White Background



This preview shows how the RYB color 141, 224, 208 looks on a white background.

Color Contrast Check

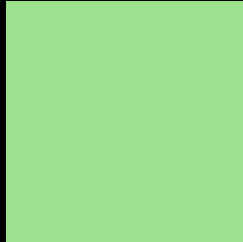
Large Text (above 18pt) WCAG AA × Fail

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 141, 224, 208 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 141, 224, 208 Background



This preview shows how black text looks on a background with the RYB color 141, 224, 208.



This preview shows how white text looks on a background with the RYB color 141, 224, 208.

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](#).

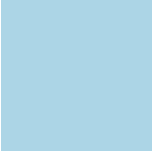
Dichromacy



Original Color
141, 224, 208

Protanopia
157, 224, 134

Deuteranopia
241, 245, 147



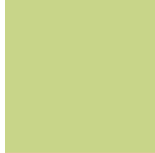
Tritanopia
172, 196, 230

Trichromacy



Original Color

141, 224, 208



Protanomaly

137, 213, 150



Deuteranomaly

152, 213, 145



Tritanomaly

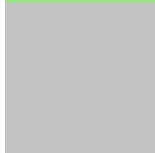
167, 198, 217

Monochromacy



Original Color

141, 224, 208



Achromatopsia

195, 195, 195



Achromatomaly

175, 206, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 224, 208 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(157, 224, 141)` looks like.

```
.text, #text, p{  
    color:rgb(157, 224, 141)  
}
```

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(157, 224, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 224, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 224, 208 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(157, 224, 141) }
```

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

```
.border{ border-color:rgb(157, 224, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 224, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 224, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 224, 141);  
box-shadow:4px 4px 4px 4px rgb(157, 224,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 224, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 224, 141) }
```

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

```
.background{ background-color: rgb(157,  
224, 141) }
```

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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