

Converting Colors

`RYB(141, 208, 207)`

Have a look what the booklet for
RYB(141, 208, 207) contains.

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Color

R_YB(141, 208, 207)

Conversions

Conversions Part 1

Format	Color
Hex	8ED08D
RGB	142, 208, 141
RGB Percent	56%, 82%, 55%
CMY	0.4431, 0.1843, 0.4471
CMYK	0.32, 0.00, 0.32, 0.18
HSL	119°, 42%, 68%
HSV	119°, 32%, 82%
XYZ	38.5189, 52.7856, 33.3578
YIQ	180.6280, -17.8290, -34.8290

Conversions

Conversions Part 2

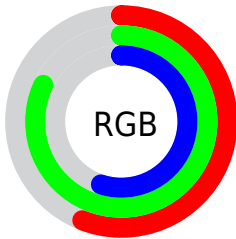
Format	Color
RYB	141, 208, 207
Decimal	9359501
CIELab	77.75, -34.08, 26.81
CIELCh	78, 43.357, 141.807
Yxy	52.7856, 0.3090, 0.4234
Android (android.graphics.Color)	4287549581 (0xFF8ED08D)
YUV	180.6280, -19.5366, -33.8768
Hunter-Lab	72.6537, -32.5084, 23.6355

Details

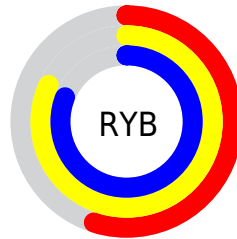
The RYB color **141, 208, 207** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **207, 141, 208**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **195, 255, 253**, and **89, 152, 153** is the 20% darker color. If you saturate the color by 10%, you get **120, 208, 206**, and if you desaturate by 10%, it is **162, 208, 208**.

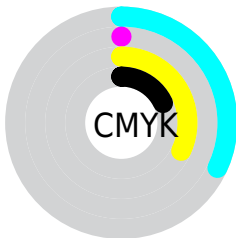
Distribution



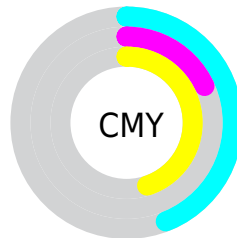
- Red (56%)
- Green (82%)
- Blue (55%)



- Red (55%)
- Yellow (82%)
- Blue (81%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (18%)



- Cyan (44%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 208, 207 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, 208, 207 by changing the saturation by 10% instead.


 141, 208, 207

255, 255, 255


 195, 255, 253


 223, 255, 252

252, 255, 252

 141, 208, 207

 115, 180, 180

 89, 152, 153

 63, 124, 127

 36, 95, 101

 2, 62, 77

 0, 53, 53

 0, 34, 34

 0, 0, 0

 141, 208, 207

 141, 208, 207

 120, 208, 206

 162, 208, 208

 99, 208, 206

 183, 208, 208

 79, 208, 206

 203, 208, 208

 58, 208, 206

 224, 208, 224

 37, 208, 205

 244, 208, 245

 16, 208, 205

 255, 208, 255

 0, 208, 205

Harmonies

Analogous

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



116, 199, 126



141, 208, 207



87, 160, 213

Triad

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



141, 208, 207



111, 166, 255



255, 162, 164

Complementary

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



141, 208, 207



207, 141, 208

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, 205



141, 208, 207



180, 186, 255

Square

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



141, 208, 207



10, 120, 254



232, 171, 242



255, 193, 130

Rectangle

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



141, 208, 207



36, 127, 214



232, 171, 242



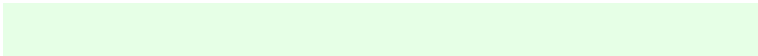
255, 161, 178

Sweetspot

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



141, 208, 207



230, 255, 255



142, 208, 141



112, 128, 128



0, 0, 0



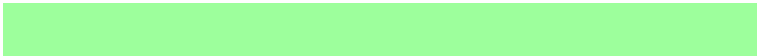
128, 128, 128

Same Dimension

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



141, 208, 207



156, 255, 254



141, 186, 208



94, 105, 105



0, 168, 165



0, 41, 40

Inverse Universe

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



207, 141, 208



254, 156, 255



208, 141, 176



104, 94, 105



166, 0, 168



40, 0, 41

Previews

White Background



This preview shows how the RYB color 141, 208, 207 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, 208, 207 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, 208, 207 Background



This preview shows how black text looks on a background with the RYB color 141, 208, 207.



This preview shows how white text looks on a background with the RYB color 141, 208, 207.

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](#).

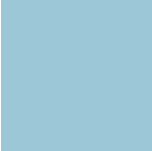
Dichromacy



Original Color
141, 208, 207

Protanopia
154, 207, 134

Deuteranopia
225, 219, 146



Tritanopia
156, 181, 215

Trichromacy



Original Color

141, 208, 207



Protanomaly

137, 197, 151



Deuteranomaly

146, 195, 144



Tritanomaly

151, 181, 202

Monochromacy



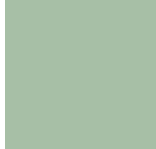
Original Color

141, 208, 207



Achromatopsia

181, 181, 181



Achromatomaly

166, 191, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 208, 207 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(142, 208, 141)` looks like.

```
.text, #text, p{  
    color:rgb(142, 208, 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(142, 208, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 208, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 208, 207 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(142, 208, 141) }
```

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

```
.border{ border-color:rgb(142, 208, 141) }
```

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

Here you see how a box with a 4 pixel rgb(142, 208, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 208, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 208, 141);  
box-shadow:4px 4px 4px 4px rgb(142, 208,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 208, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 208, 141) }
```

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

```
.background{ background-color: rgb(142,  
208, 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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