

Converting Colors

`RYB(132, 191, 225)`

Have a look what the booklet for
RYB(132, 191, 225) contains.

| | |
|------------------------------------------------|----|
| RYB(132, 191, 225) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

R_YB(132, 191, 225)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 84E1BA |
| RGB | 132, 225, 186 |
| RGB Percent | 52%, 88%, 73% |
| CMY | 0.4824, 0.1176, 0.2722 |
| CMYK | 0.41, 0.00, 0.18, 0.12 |
| HSL | 155°, 61%, 70% |
| HSV | 155°, 41%, 88% |
| XYZ | 45.2607, 62.2839, 55.8645 |
| YIQ | 192.7470, -42.9090, -31.8450 |

Conversions

Conversions Part 2

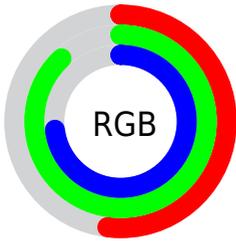
| Format | Color |
|-------------------------------------|-------------------------------------------------|
| RYB | 132, 191, 225 |
| Decimal | 8708538 |
| CIELab | 83.06, -36.55, 10.69 |
| CIElCh | 83, 38.083, 163.699 |
| Yxy | 62.2839, 0.2770, 0.3812 |
| Android (android.graphics.Color) | 4286898618 (0xFF84E1BA) |
| YUV | 192.7470, -3.3263, -53.2751 |
| Hunter-Lab | 78.9201, -35.7405, 13.2750 |

Details

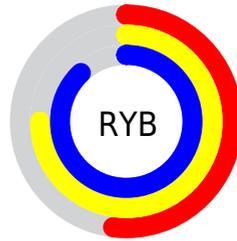
The RYB color **132, 191, 225** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **225, 132, 171**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **189, 226, 255**, and **76, 134, 169** is the 20% darker color. If you saturate the color by 10%, you get **110, 183, 225**, and if you desaturate by 10%, it is **155, 200, 225**.

Distribution



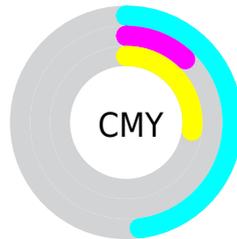
- Red (52%)
- Green (88%)
- Blue (73%)



- Red (52%)
- Yellow (75%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)



- Cyan (48%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 191, 225 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 132, 191, 225 by changing the saturation by 10% instead.

 132, 191, 225

255, 255, 255

 189, 226, 255

 218, 237, 255

 247, 251, 255

 132, 191, 225

 104, 162, 197

 76, 134, 169

 47, 105, 142

 4, 70, 116

 0, 55, 91

 0, 43, 67

 0, 32, 44

 0, 19, 19

 0, 0, 0

 132, 191, 225

 132, 191, 225

 110, 183, 225

 155, 200, 225

 87, 174, 225

 177, 207, 225

 65, 167, 225

 200, 216, 225

 42, 158, 225

 222, 224, 225

 20, 150, 225

 244, 225, 233

 0, 143, 225

 255, 225, 243

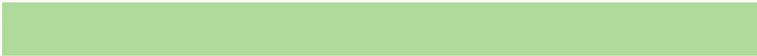
 255, 225, 252

 255, 225, 255

Harmonies

Analogous

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



154, 219, 198



132, 191, 225



93, 160, 226

Triad

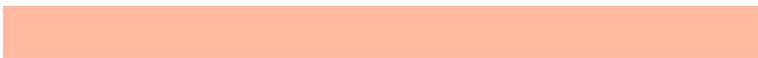
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



132, 191, 225



183, 200, 255



255, 197, 159

Complementary

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



132, 191, 225



225, 132, 171

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, 180, 192



132, 191, 225



232, 192, 255

Square

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



132, 191, 225



128, 180, 255



255, 182, 228



234, 249, 139

Rectangle

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



132, 191, 225



82, 158, 245



255, 182, 228



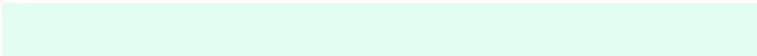
255, 186, 169

Sweetspot

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



132, 191, 225



224, 244, 255



132, 225, 185



110, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



132, 191, 225



128, 209, 255



132, 177, 225



101, 108, 112



0, 112, 176



0, 30, 48

Inverse Universe

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



225, 132, 171



255, 128, 182



225, 138, 132



112, 101, 106



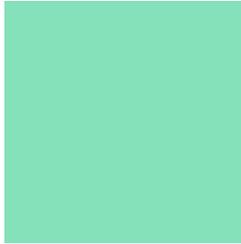
176, 0, 75



48, 0, 21

Previews

White Background



This preview shows how the RYB color 132, 191, 225 looks on a white background.

Color Contrast Check

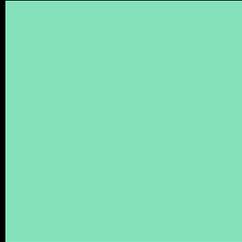
Large Text (above 18pt) WCAG AA × Fail

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 132, 191, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

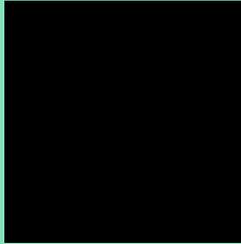
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

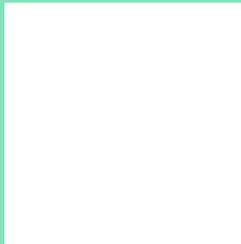
Any Text WCAG AAA ✓ Pass

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

RYB 132, 191, 225 Background



This preview shows how black text looks on a background with the RYB color 132, 191, 225.



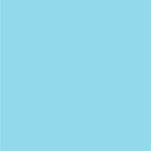
This preview shows how white text looks on a background with the RYB color 132, 191, 225.

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
144, 185, 236

Trichromacy



Original Color

132, 191, 225



Protanomaly

179, 212, 206



Deuteranomaly

189, 208, 202



Tritanomaly

140, 181, 221

Monochromacy



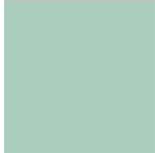
Original Color

132, 191, 225



Achromatopsia

193, 193, 193



Achromatomaly

171, 193, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 191, 225 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(132, 225, 186)` looks like.

```
.text, #text, p{  
    color:rgb(132, 225, 186)  
}
```

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(132, 225, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 225, 186) }
```

Border

The CSS property to change the border of an element to RYB 132, 191, 225 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(132, 225, 186) }
```

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

```
.border{ border-color:rgb(132, 225, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 225, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 225, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 225, 186);  
box-shadow:4px 4px 4px 4px rgb(132, 225,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 132, 191, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 225, 186) }
```

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

```
.background{ background-color: rgb(132,  
225, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor