

Converting Colors

`RYB(132, 173, 205)`

Have a look what the booklet for
RYB(132, 173, 205) contains.

RYB(132, 173, 205)	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, 173, 205)

Conversions

Conversions Part 1

Format	Color
Hex	84CDBD
RGB	132, 205, 189
RGB Percent	52%, 80%, 74%
CMY	0.4824, 0.1961, 0.2589
CMYK	0.36, 0.00, 0.08, 0.20
HSL	167°, 42%, 66%
HSV	167°, 36%, 80%
XYZ	40.5297, 52.2412, 56.0777
YIQ	181.3490, -38.3720, -20.4520

Conversions

Conversions Part 2

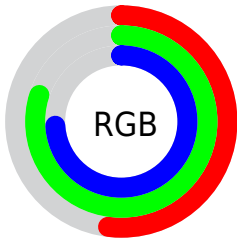
Format	Color
RYB	132, 173, 205
Decimal	8703421
CIELab	77.42, -26.35, 0.76
CIElCh	77, 26.363, 178.342
Yxy	52.2412, 0.2723, 0.3510
Android (android.graphics.Color)	4286893501 (0xFF84CDBD)
YUV	181.3490, 3.7719, -43.2791
Hunter-Lab	72.2781, -26.3934, 4.5940

Details

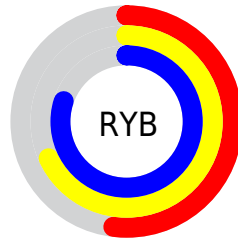
The RYB color **132, 173, 205** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **205, 132, 148**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **187, 224, 255**, and **78, 118, 150** is the 20% darker color. If you saturate the color by 10%, you get **112, 164, 205**, and if you desaturate by 10%, it is **153, 182, 205**.

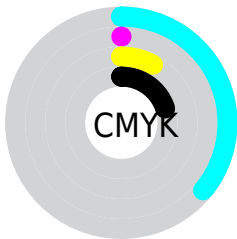
Distribution



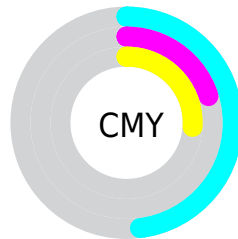
- Red (52%)
- Green (80%)
- Blue (74%)



- Red (52%)
- Yellow (68%)
- Blue (80%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (48%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 173, 205 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, 173, 205 by changing the saturation by 10% instead.

 132, 173, 205

255, 255, 255


 187, 224, 255

 216, 236, 255

 245, 250, 255

 132, 173, 205

 105, 145, 177

 78, 118, 150

 51, 91, 124

 20, 63, 99

 0, 41, 75

 0, 29, 52

 0, 19, 32


 0, 0, 0


 132, 173, 205


 132, 173, 205

 112, 164, 205


 153, 182, 205

 91, 155, 205


 173, 191, 205

 70, 146, 205


 194, 200, 205

 50, 137, 205

 214, 205, 207

 30, 128, 205

 235, 205, 211

 9, 119, 205

 255, 205, 216

 0, 115, 205

 255, 205, 220

 255, 205, 225

 255, 205, 229

Harmonies

Analogous

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



157, 195, 202



132, 173, 205



120, 164, 214

Triad

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



132, 173, 205



193, 185, 234



231, 199, 151

Complementary

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



132, 173, 205



205, 132, 148

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.



241, 176, 169



132, 173, 205



222, 178, 217

Square

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



132, 173, 205



160, 184, 240



238, 174, 194



176, 211, 143

Rectangle

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



132, 173, 205



125, 169, 227



238, 174, 194



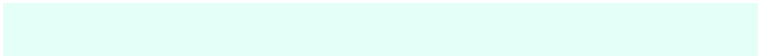
235, 188, 156

Sweetspot

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



132, 173, 205



227, 243, 255



132, 205, 188



111, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



132, 173, 205



145, 207, 255



132, 163, 205



92, 98, 102



0, 93, 166



0, 21, 38

Inverse Universe

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



205, 132, 148



255, 145, 169



205, 158, 132



102, 92, 94



166, 0, 36



38, 0, 8

Previews

White Background



This preview shows how the RYB color 132, 173, 205 looks on a white background.

Color Contrast Check

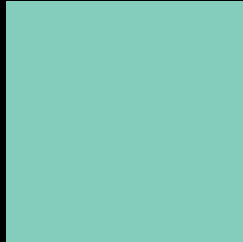
Large Text (above 18pt) WCAG AA × Fail

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, 173, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

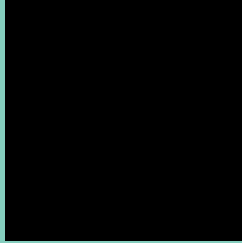
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

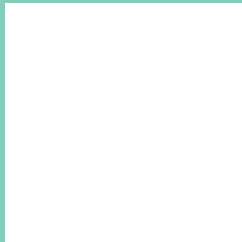
Any Text WCAG AAA ✓ Pass

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

RYB 132, 173, 205 Background



This preview shows how black text looks on a background with the RYB color 132, 173, 205.

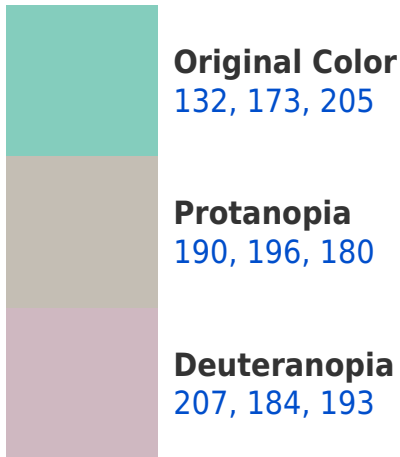


This preview shows how white text looks on a background with the RYB color 132, 173, 205.

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](#).

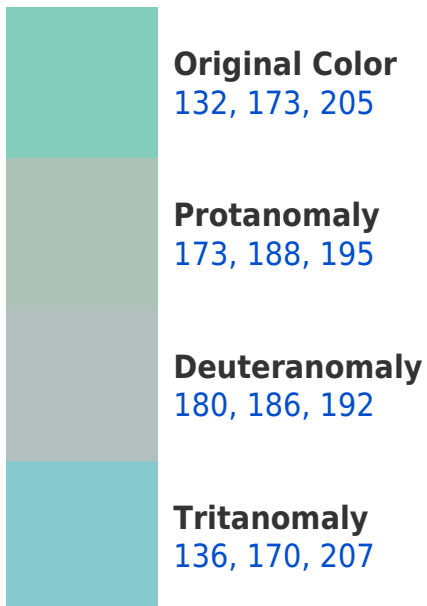
Dichromacy



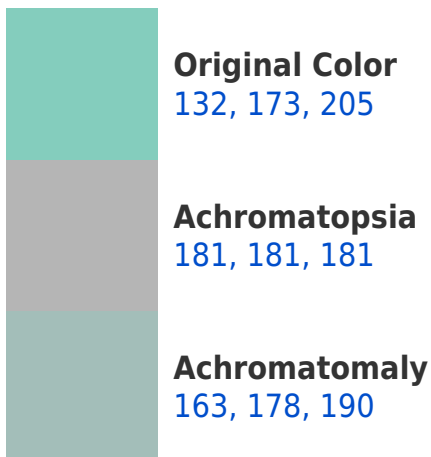


Tritanopia
139, 174, 217

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 173, 205 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, 205, 189)` looks like.

```
.text, #text, p{  
    color:rgb(132, 205, 189)  
}
```

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, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 205, 189) }
```

Border

The CSS property to change the border of an element to RYB 132, 173, 205 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, 205, 189) }
```

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

```
.border{ border-color:rgb(132, 205, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 205, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 205, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 205, 189);  
box-shadow:4px 4px 4px 4px rgb(132, 205,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 132, 173, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 205, 189) }
```

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

```
.background{ background-color: rgb(132,  
205, 189) }
```

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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