

Converting Colors

RGB(145, 182, 170)

Have a look what the booklet for
RGB(145, 182, 170) contains.

RGB(145, 182, 170)	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

RGB(145, 182, 170)

Conversions

Conversions Part 1

Format	Color
Hex	91B6AA
RGB	145, 182, 170
RGB Percent	57%, 71%, 67%
CMY	0.4314, 0.2863, 0.3333
CMYK	0.20, 0.00, 0.07, 0.29
HSL	161°, 20%, 64%
HSV	161°, 20%, 71%
XYZ	35.6607, 42.3779, 44.3304
YIQ	169.5690, -18.2000, -11.5760

Conversions

Conversions Part 2

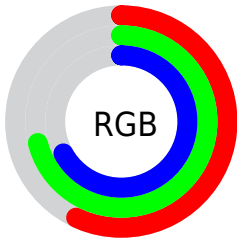
Format	Color
RYB	145, 167, 182
Decimal	9549482
CIELab	71.13, -14.94, 1.99
CIELCh	71, 15.072, 172.403
Yxy	42.3779, 0.2914, 0.3463
Android (android.graphics.Color)	4287739562 (0xFF91B6AA)
YUV	169.5690, 0.2125, -21.5470
Hunter-Lab	65.0983, -16.1402, 5.1937

Details

The RGB color **145, 182, 170** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182, 145, 157**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **199, 238, 225**, and **94, 129, 118** is the 20% darker color. If you saturate the color by 10%, you get **127, 182, 164**, and if you desaturate by 10%, it is **163, 182, 176**.

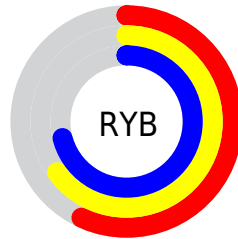
Distribution



Red (57%)

Green (71%)

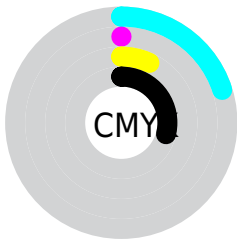
Blue (67%)



Red (57%)

Yellow (65%)

Blue (71%)

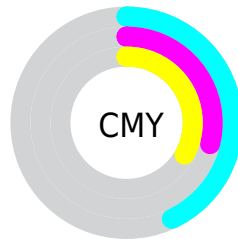


Cyan (20%)

Magenta (0%)

Yellow (7%)

Black (29%)



Cyan (43%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 182, 170 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 RGB color 145, 182, 170 by changing the saturation by 10% instead.

 145, 182, 170


255, 255, 255


 199, 238, 225

 228, 255, 254

 145, 182, 170


 119, 155, 144

 94, 129, 118

 69, 104, 93

 46, 80, 70

 23, 57, 47


 1, 35, 27

 0, 8, 0


 0, 0, 0


 145, 182, 170


 145, 182, 170


 127, 182, 164


 163, 182, 176

 109, 182, 158


 181, 182, 182

 90, 182, 152

 200, 182, 188

 72, 182, 146


 218, 182, 194

 54, 182, 140


 236, 182, 200

 36, 182, 135

 254, 182, 205

 18, 182, 129

 255, 182, 211

 0, 182, 123

 255, 182, 217

 255, 182, 223

Harmonies

Analogous

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



158, 180, 157



145, 182, 170



139, 182, 184

Triad

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



145, 182, 170



172, 172, 199



199, 168, 153

Complementary

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



145, 182, 170



182, 145, 157

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.



203, 165, 164



145, 182, 170



189, 168, 191

Square

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



145, 182, 170



155, 176, 201



200, 165, 178



189, 172, 147

Rectangle

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



145, 182, 170



140, 181, 192



200, 165, 178



201, 167, 156

Sweetspot

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



145, 182, 170



223, 237, 233



157, 182, 145



111, 120, 117



247, 247, 247



120, 120, 120

Same Dimension

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



145, 182, 170



180, 237, 219



145, 176, 182



83, 92, 89



0, 156, 105



0, 28, 19

Inverse Universe

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



182, 145, 157



237, 180, 199



182, 151, 145



92, 83, 86



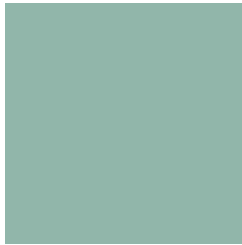
156, 0, 50



28, 0, 9

Previews

White Background



This preview shows how the RGB color 145, 182, 170 looks on a white background.

Color Contrast Check

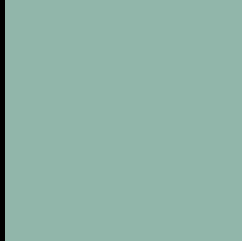
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 145, 182, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

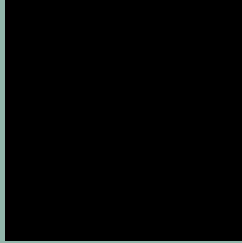
Any Text WCAG AA ✓ Pass

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](#).

RGB 145, 182, 170 Background



This preview shows how black text looks on a background with the RGB color 145, 182, 170.

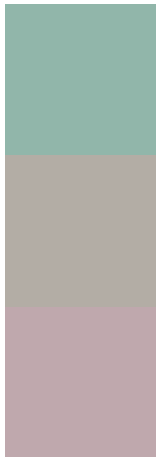


This preview shows how white text looks on a background with the RGB color 145, 182, 170.

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
145, 182, 170

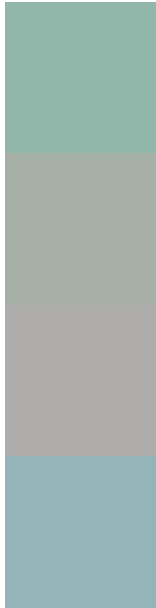
Protanopia
179, 173, 165

Deuteranopia
191, 168, 173



Tritanopia
149, 179, 193

Trichromacy



Original Color
145, 182, 170

Protanomaly
167, 176, 167

Deuteranomaly
174, 173, 172

Tritanomaly
148, 180, 185

Monochromacy



Original Color
145, 182, 170

Achromatopsia
170, 170, 170

Achromatomaly
161, 174, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 182, 170 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(145, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(145, 182, 170)  
}
```

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(145, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 182, 170) }
```

Border

The CSS property to change the border of an element to RGB 145, 182, 170 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(145, 182, 170) }
```

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

```
.border{ border-color:rgb(145, 182, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 182, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 182, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 182, 170);  
box-shadow:4px 4px 4px 4px rgb(145, 182,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 145, 182, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 182, 170) }
```

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

```
.background{ background-color: rgb(145,  
182, 170) }
```

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