

Converting Colors

RGB(162, 206, 172)

Have a look what the booklet for
RGB(162, 206, 172) contains.

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Color

RGB(162, 206, 172)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A2CEAC |
| RGB | 162, 206, 172 |
| RGB Percent | 64%, 81%, 67% |
| CMY | 0.3647, 0.1922, 0.3255 |
| CMYK | 0.21, 0.00, 0.17, 0.19 |
| HSL | 134°, 31%, 72% |
| HSV | 134°, 21%, 81% |
| XYZ | 44.4180, 54.8026, 47.2666 |
| YIQ | 188.9680, -15.3100, -19.9020 |

Conversions

Conversions Part 2

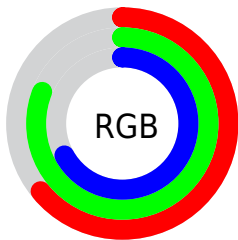
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 162, 198, 206 |
| Decimal | 10669740 |
| CIELab | 78.93, -21.16, 12.23 |
| CIELCh | 79, 24.441, 149.968 |
| Yxy | 54.8026, 0.3032, 0.3741 |
| Android (android.graphics.Color) | 4288859820 (0xFFA2CEAC) |
| YUV | 188.9680, -8.3652, -23.6509 |
| Hunter-Lab | 74.0287, -22.4485, 13.9641 |

Details

The RGB color **162, 206, 172** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **206, 162, 196**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **217, 255, 227**, and **110, 152, 120** is the 20% darker color. If you saturate the color by 10%, you get **141, 206, 156**, and if you desaturate by 10%, it is **183, 206, 188**.

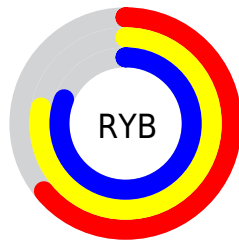
Distribution



Red (64%)

Green (81%)

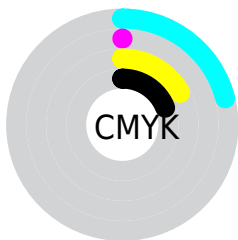
Blue (67%)



Red (64%)

Yellow (78%)

Blue (81%)

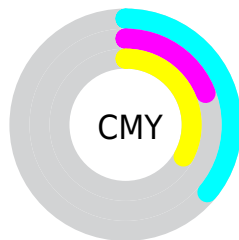


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (19%)



Cyan (36%)

Magenta (19%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 206, 172 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 162, 206, 172 by changing the saturation by 10% instead.

 162, 206, 172


255, 255, 255


 217, 255, 227


 246, 255, 255

 162, 206, 172

 135, 178, 145

 110, 152, 120

 85, 126, 95

 60, 100, 71

 37, 76, 49

 13, 53, 27

 0, 32, 2


 0, 0, 0

 162, 206, 172

 162, 206, 172

 141, 206, 156

 183, 206, 188

 121, 206, 140

 203, 206, 204

 100, 206, 124

 224, 206, 220

 80, 206, 108

 244, 206, 236

 59, 206, 92

 255, 206, 252

 38, 206, 76

 255, 206, 255

 18, 206, 61

 0, 206, 47

Harmonies

Analogous

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



188, 201, 156



162, 206, 172



140, 208, 195

Triad

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



162, 206, 172



168, 197, 240



242, 181, 174

Complementary

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



162, 206, 172



206, 162, 196

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.



240, 179, 196



162, 206, 172



199, 190, 235

Square

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



162, 206, 172



142, 204, 234



225, 183, 219



232, 186, 157

Rectangle

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



162, 206, 172



132, 208, 210



225, 183, 219



242, 180, 181

Sweetspot

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



162, 206, 172



240, 255, 243



196, 206, 162



119, 128, 121



0, 0, 0



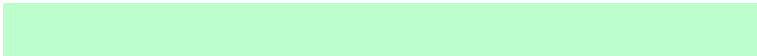
128, 128, 128

Same Dimension

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



162, 206, 172



189, 255, 204



162, 206, 194



92, 102, 94



0, 166, 38



0, 38, 9

Inverse Universe

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



206, 162, 196



255, 189, 240



206, 162, 174



102, 92, 100



166, 0, 128



38, 0, 30

Previews

White Background



This preview shows how the RGB color 162, 206, 172 looks on a white background.

Color Contrast Check

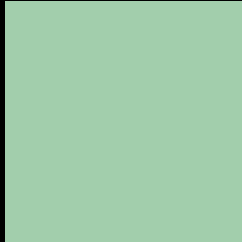
Large Text (above 18pt) WCAG AA × Fail

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 162, 206, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

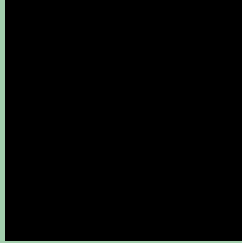
Any Text WCAG AA ✓ Pass

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 162, 206, 172 Background



This preview shows how black text looks on a background with the RGB color 162, 206, 172.



This preview shows how white text looks on a background with the RGB color 162, 206, 172.

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
162, 206, 172

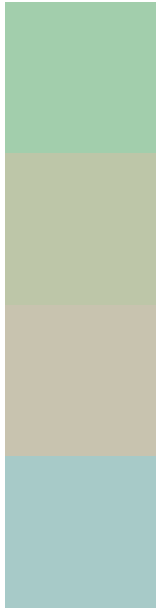
Protanopia
205, 194, 166

Deuteranopia
221, 188, 176



Tritanopia
170, 200, 216

Trichromacy



Original Color
162, 206, 172

Protanomaly
189, 198, 168

Deuteranomaly
200, 195, 175

Tritanomaly
167, 202, 200

Monochromacy



Original Color
162, 206, 172

Achromatopsia
189, 189, 189

Achromatomaly
179, 195, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 206, 172 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(162, 206, 172)` looks like.

```
.text, #text, p{  
    color:rgb(162, 206, 172)  
}
```

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(162, 206, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 206, 172) }
```

Border

The CSS property to change the border of an element to RGB 162, 206, 172 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(162, 206, 172) }
```

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

```
.border{ border-color:rgb(162, 206, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 206, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 206, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 206, 172);  
box-shadow:4px 4px 4px 4px rgb(162, 206,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 162, 206, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 206, 172) }
```

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

```
.background{ background-color: rgb(162,  
206, 172) }
```

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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