

Converting Colors

RGB(164, 218, 182)

Have a look what the booklet for
RGB(164, 218, 182) contains.

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Color

RGB(164, 218, 182)

Conversions

Conversions Part 1	
Format	Color
Hex	A4DAB6
RGB	164, 218, 182
RGB Percent	64%, 85%, 71%
CMY	0.3569, 0.1451, 0.2863
CMYK	0.25, 0.00, 0.17, 0.15
HSL	140°, 42%, 75%
HSV	140°, 25%, 85%
XYZ	48.8247, 61.4127, 53.5365
YIQ	197.7500, -20.6280, -22.6440

Conversions

Conversions Part 2

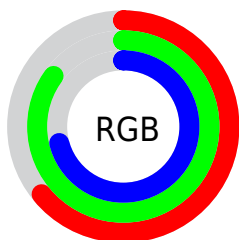
Format	Color
RYB	164, 205, 218
Decimal	10803894
CIELab	82.60, -24.56, 12.14
CIELCh	83, 27.399, 153.689
Yxy	61.4127, 0.2981, 0.3750
Android (android.graphics.Color)	4288993974 (0xFFA4DAB6)
YUV	197.7500, -7.7648, -29.5987
Hunter-Lab	78.3663, -25.9296, 14.3520

Details

The RGB color **164, 218, 182** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **218, 164, 200**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **220, 255, 238**, and **111, 163, 129** is the 20% darker color. If you saturate the color by 10%, you get **142, 218, 167**, and if you desaturate by 10%, it is **186, 218, 197**.

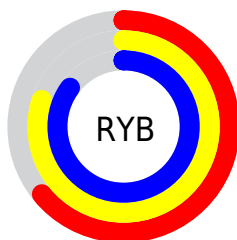
Distribution



Red (64%)

Green (85%)

Blue (71%)



Red (64%)

Yellow (80%)

Blue (85%)

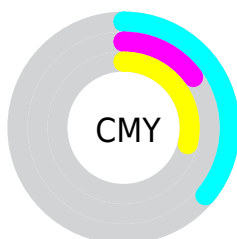


Cyan (25%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (36%)

Magenta (15%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 218, 182 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 164, 218, 182 by changing the saturation by 10% instead.


 164, 218, 182

255, 255, 255


 220, 255, 238

 249, 255, 255

 164, 218, 182

 137, 190, 155

 111, 163, 129

 86, 136, 104

 61, 111, 80

 36, 86, 57

 9, 63, 35

 0, 40, 14

 0, 17, 0

 0, 0, 0

 164, 218, 182

 164, 218, 182

 142, 218, 167

 186, 218, 197

 120, 218, 153

 208, 218, 211

 99, 218, 138

 229, 218, 226

 77, 218, 124

 251, 218, 240

 55, 218, 109

 255, 218, 255

 33, 218, 95

 255, 218, 255

 11, 218, 80

 0, 218, 73

Harmonies

Analogous

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



193, 213, 162



164, 218, 182



140, 220, 208

Triad

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



164, 218, 182



179, 207, 255



255, 189, 178

Complementary

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



164, 218, 182



218, 164, 200

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, 187, 203



164, 218, 182



214, 198, 248

Square

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



164, 218, 182



147, 214, 251



242, 190, 229



244, 196, 160

Rectangle

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



164, 218, 182



132, 220, 225



242, 190, 229



255, 188, 186

Sweetspot

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



164, 218, 182



237, 255, 243



200, 218, 164



117, 128, 121



0, 0, 0



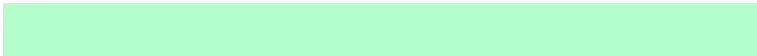
128, 128, 128

Same Dimension

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



164, 218, 182



179, 255, 204



164, 218, 209



99, 110, 102



0, 173, 58



0, 46, 15

Inverse Universe

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



218, 164, 200



255, 179, 230



218, 164, 173



110, 99, 106



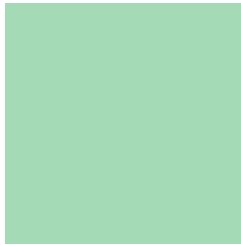
173, 0, 116



46, 0, 31

Previews

White Background



This preview shows how the RGB color 164, 218, 182 looks on a white background.

Color Contrast Check

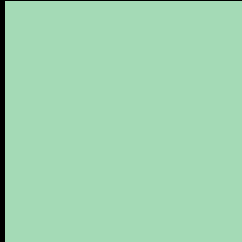
Large Text (above 18pt) WCAG AA × Fail

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 164, 218, 182 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

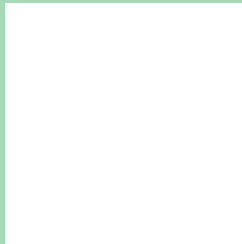
Any Text WCAG AAA ✓ Pass

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

RGB 164, 218, 182 Background



This preview shows how black text looks on a background with the RGB color 164, 218, 182.



This preview shows how white text looks on a background with the RGB color 164, 218, 182.

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

164, 218, 182

Protanopia

215, 204, 175

Deuteranopia

232, 198, 186




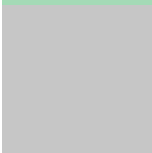
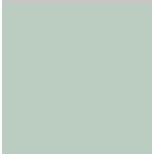
Tritanopia

173, 212, 228

Trichromacy

	Original Color 164, 218, 182
	Protanomaly 196, 209, 178
	Deuteranomaly 207, 205, 185
	Tritanomaly 170, 214, 211

Monochromacy

	Original Color 164, 218, 182
	Achromatopsia 198, 198, 198
	Achromatomaly 186, 205, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 218, 182 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(164, 218, 182)` looks like.

```
.text, #text, p{  
    color:rgb(164, 218, 182)  
}
```

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(164, 218, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 218, 182) }
```

Border

The CSS property to change the border of an element to RGB 164, 218, 182 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(164, 218, 182) }
```

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

```
.border{ border-color:rgb(164, 218, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 218, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 218, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 218, 182);  
box-shadow:4px 4px 4px 4px rgb(164, 218,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 164, 218, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 218, 182) }
```

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

```
.background{ background-color: rgb(164,  
218, 182) }
```

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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