

Converting Colors

RGB(170, 225, 200)

Have a look what the booklet for
RGB(170, 225, 200) contains.

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Color

RGB(170, 225, 200)

Conversions

Conversions Part 1

Format	Color
Hex	AAE1C8
RGB	170, 225, 200
RGB Percent	67%, 88%, 78%
CMY	0.3333, 0.1176, 0.2157
CMYK	0.24, 0.00, 0.11, 0.12
HSL	153°, 48%, 77%
HSV	153°, 24%, 88%
XYZ	53.9281, 66.5666, 64.6499
YIQ	205.7050, -24.7550, -19.4350

Conversions

Conversions Part 2

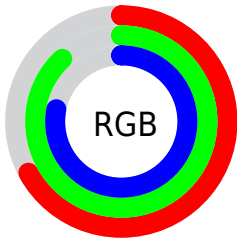
Format	Color
RYB	170, 206, 225
Decimal	11198920
CIELab	85.28, -22.64, 6.53
CIELCh	85, 23.562, 163.912
Yxy	66.5666, 0.2913, 0.3595
Android (android.graphics.Color)	4289389000 (0xFFAAE1C8)
YUV	205.7050, -2.8126, -31.3133
Hunter-Lab	81.5884, -24.7951, 10.1310

Details

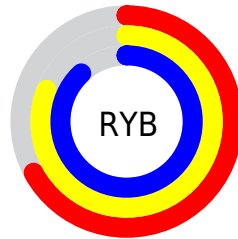
The RGB color **170, 225, 200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 170, 195**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **226, 255, 255**, and **117, 170, 146** is the 20% darker color. If you saturate the color by 10%, you get **147, 225, 190**, and if you desaturate by 10%, it is **193, 225, 210**.

Distribution



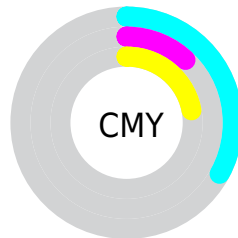
- Red (67%)
- Green (88%)
- Blue (78%)



- Red (67%)
- Yellow (81%)
- Blue (88%)



- Cyan (24%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (33%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 225, 200 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 170, 225, 200 by changing the saturation by 10% instead.

 170, 225, 200


255, 255, 255

 226, 255, 255


 170, 225, 200

 143, 197, 173

 117, 170, 146

 91, 143, 120

 66, 117, 96

 41, 92, 72

 15, 68, 49

 0, 46, 28

 0, 27, 2

 0, 0, 0

 170, 225, 200

 170, 225, 200

 147, 225, 190

 193, 225, 210

 125, 225, 180

 215, 225, 220

 103, 225, 169

 238, 225, 231

 80, 225, 159

 255, 225, 241

 57, 225, 149

 255, 225, 251

 35, 225, 139

 255, 225, 255

 13, 225, 128

 0, 225, 123

Harmonies

Analogous

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



194, 221, 181



170, 225, 200



154, 226, 223

Triad

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



170, 225, 200



201, 212, 255



255, 201, 183

Complementary

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



170, 225, 200



225, 170, 195

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, 197, 203



170, 225, 200



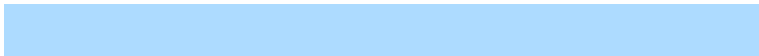
230, 204, 245

Square

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



170, 225, 200



173, 219, 255



250, 199, 226



241, 208, 171

Rectangle

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



170, 225, 200



152, 225, 237



250, 199, 226



255, 199, 189

Sweetspot

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



170, 225, 200



237, 255, 247



196, 225, 170



117, 128, 123



0, 0, 0



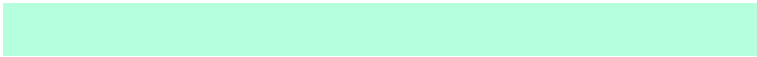
128, 128, 128

Same Dimension

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



170, 225, 200



181, 255, 221



170, 223, 225



101, 112, 107



0, 176, 96



0, 48, 26

Inverse Universe

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



225, 170, 195



255, 181, 215



225, 172, 170



112, 101, 106



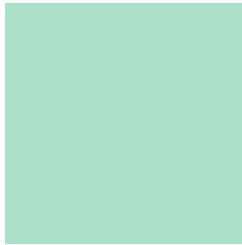
176, 0, 80



48, 0, 22

Previews

White Background



This preview shows how the RGB color 170, 225, 200 looks on a white background.

Color Contrast Check

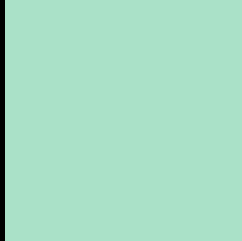
Large Text (above 18pt) WCAG AA × Fail

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 170, 225, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

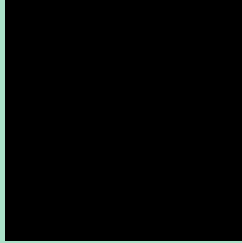
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

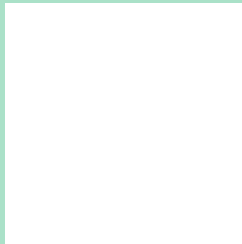
Any Text WCAG AAA ✓ Pass

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

RGB 170, 225, 200 Background



This preview shows how black text looks on a background with the RGB color 170, 225, 200.



This preview shows how white text looks on a background with the RGB color 170, 225, 200.

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





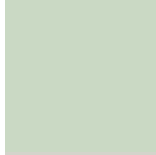
Tritanopia
177, 220, 237

Trichromacy



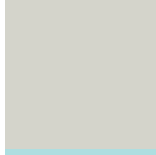
Original Color

170, 225, 200



Protanomaly

202, 217, 196



Deuteranomaly

212, 212, 203



Tritanomaly

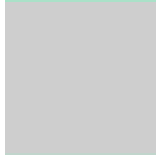
174, 222, 224

Monochromacy



Original Color

170, 225, 200



Achromatopsia

206, 206, 206



Achromatomaly

193, 213, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 225, 200 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(170, 225, 200)` looks like.

```
.text, #text, p{  
    color:rgb(170, 225, 200)  
}
```

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(170, 225, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 225, 200) }
```

Border

The CSS property to change the border of an element to RGB 170, 225, 200 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(170, 225, 200) }
```

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

```
.border{ border-color:rgb(170, 225, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 225, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 225, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 225, 200);  
box-shadow:4px 4px 4px 4px rgb(170, 225,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 170, 225, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 225, 200) }
```

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

```
.background{ background-color: rgb(170,  
225, 200) }
```

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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