

Converting Colors

RGB(162, 216, 217)

Have a look what the booklet for
RGB(162, 216, 217) contains.

RGB(162, 216, 217)	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(162, 216, 217)

Conversions

Conversions Part 1

Format	Color
Hex	A2D8D9
RGB	162, 216, 217
RGB Percent	64%, 85%, 85%
CMY	0.3647, 0.1529, 0.1490
CMYK	0.25, 0.00, 0.00, 0.15
HSL	181°, 42%, 74%
HSV	181°, 25%, 85%
XYZ	51.9805, 61.8029, 74.8351
YIQ	199.9680, -32.5050, -11.1370

Conversions

Conversions Part 2

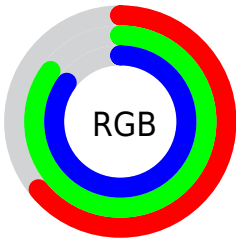
Format	Color
RYB	162, 189, 217
Decimal	10672345
CIELab	82.81, -17.01, -6.14
CIELCh	83, 18.085, 199.849
Yxy	61.8029, 0.2756, 0.3277
Android (android.graphics.Color)	4288862425 (0xFFA2D8D9)
YUV	199.9680, 8.3968, -33.2979
Hunter-Lab	78.6148, -19.5507, -1.4091

Details

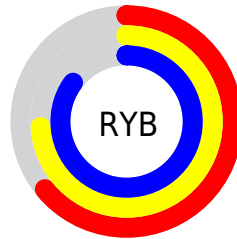
The RGB color **162, 216, 217** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **217, 163, 162**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **218, 255, 255**, and **109, 161, 162** is the 20% darker color. If you saturate the color by 10%, you get **140, 216, 217**, and if you desaturate by 10%, it is **184, 216, 217**.

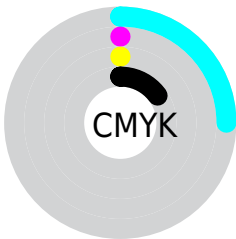
Distribution



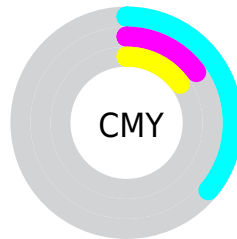
- Red (64%)
- Green (85%)
- Blue (85%)



- Red (64%)
- Yellow (74%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 216, 217 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, 216, 217 by changing the saturation by 10% instead.

 162, 216, 217

255, 255, 255


 218, 255, 255


 247, 255, 255


 162, 216, 217

 135, 188, 189

 109, 161, 162


 83, 135, 136

 57, 109, 111

 31, 85, 86

 0, 62, 63

 0, 39, 41

 0, 18, 21

 0, 0, 0

 162, 216, 217

 162, 216, 217

 140, 216, 217

 184, 216, 217

 119, 215, 217

 205, 217, 217

 97, 215, 217

 227, 217, 217

 75, 214, 217

 249, 218, 217

 53, 214, 217

 255, 218, 217

 32, 214, 217

 255, 218, 217

 10, 213, 217

 255, 219, 217

 0, 213, 217

 255, 219, 217

 255, 220, 217

Harmonies

Analogous

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



171, 216, 200



162, 216, 217



165, 214, 231

Triad

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



162, 216, 217



223, 198, 228



225, 203, 173

Complementary

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



162, 216, 217



217, 163, 162

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.



238, 198, 181



162, 216, 217



237, 195, 213

Square

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



162, 216, 217



202, 204, 238



242, 195, 195



208, 209, 174

Rectangle

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



162, 216, 217



174, 211, 238



242, 195, 195



230, 201, 175

Sweetspot

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



162, 216, 217



235, 255, 255



162, 217, 163



115, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 216, 217



179, 254, 255



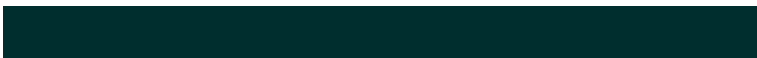
162, 189, 217



99, 109, 110



0, 170, 173



0, 45, 46

Inverse Universe

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



217, 162, 216



255, 179, 254



217, 190, 162



110, 99, 109



173, 0, 170



46, 0, 45

Previews

White Background



This preview shows how the RGB color 162, 216, 217 looks on a white background.

Color Contrast Check

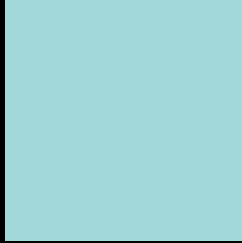
Large Text (above 18pt) WCAG AA × Fail

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, 216, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

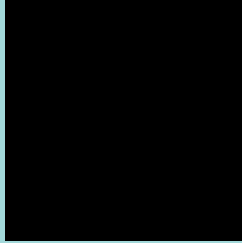
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

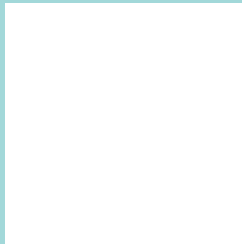
Any Text WCAG AAA ✓ Pass

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

RGB 162, 216, 217 Background



This preview shows how black text looks on a background with the RGB color 162, 216, 217.

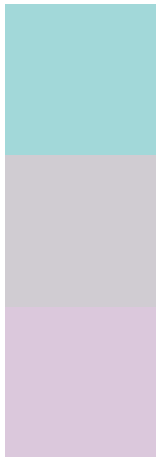


This preview shows how white text looks on a background with the RGB color 162, 216, 217.

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, 216, 217

Protanopia
208, 204, 210

Deuteranopia
219, 200, 220



Tritanopia
165, 214, 231

Trichromacy



Original Color
162, 216, 217

Protanomaly
191, 208, 213

Deuteranomaly
198, 206, 219

Tritanomaly
164, 215, 226

Monochromacy



Original Color
162, 216, 217

Achromatopsia
200, 200, 200

Achromatomaly
186, 206, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 216, 217 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, 216, 217)` looks like.

```
.text, #text, p{  
    color:rgb(162, 216, 217)  
}
```

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, 216, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 216, 217) }
```

Border

The CSS property to change the border of an element to RGB 162, 216, 217 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, 216, 217) }
```

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

```
.border{ border-color:rgb(162, 216, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 216, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 216, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 216, 217);  
box-shadow:4px 4px 4px 4px rgb(162, 216,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 162, 216, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 216, 217) }
```

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

```
.background{ background-color: rgb(162,  
216, 217) }
```

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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