

Converting Colors

RGB(172, 221, 227)

Have a look what the booklet for
RGB(172, 221, 227) contains.

RGB(172, 221, 227)	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(172, 221, 227)

Conversions

Conversions Part 1

Format	Color
Hex	ACDDE3
RGB	172, 221, 227
RGB Percent	67%, 87%, 89%
CMY	0.3255, 0.1333, 0.1098
CMYK	0.24, 0.03, 0.00, 0.11
HSL	187°, 50%, 78%
HSV	187°, 24%, 89%
XYZ	56.7348, 66.0296, 82.4278
YIQ	207.0330, -31.1300, -8.5220

Conversions

Conversions Part 2

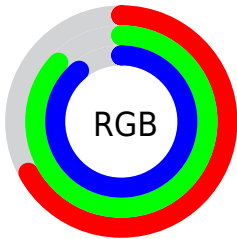
Format	Color
RYB	172, 198, 227
Decimal	11328995
CIELab	85.01, -14.40, -8.12
CIELCh	85, 16.534, 209.415
Yxy	66.0296, 0.2765, 0.3218
Android (android.graphics.Color)	4289519075 (0xFFACDDE3)
YUV	207.0330, 9.8437, -30.7239
Hunter-Lab	81.2586, -17.5737, -3.2621

Details

The RGB color **172, 221, 227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 178, 172**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **228, 255, 255**, and **118, 166, 172** is the 20% darker color. If you saturate the color by 10%, you get **149, 219, 227**, and if you desaturate by 10%, it is **195, 223, 227**.

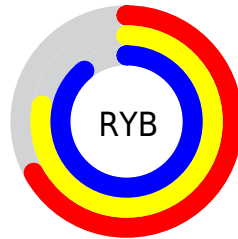
Distribution



Red (67%)

Green (87%)

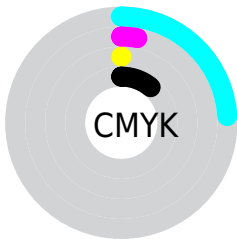
Blue (89%)



Red (67%)

Yellow (78%)

Blue (89%)

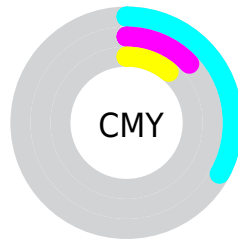


Cyan (24%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 221, 227 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 172, 221, 227 by changing the saturation by 10% instead.

 172, 221, 227


255, 255, 255


 228, 255, 255

 172, 221, 227

 145, 193, 199

 118, 166, 172

 92, 139, 145

 67, 114, 119

 42, 89, 95

 14, 66, 71

 0, 43, 49

 0, 24, 28

 0, 0, 0

■ 172, 221, 227

■ 172, 221, 227

■ 149, 219, 227

■ 195, 223, 227

■ 127, 216, 227

■ 217, 226, 227

■ 104, 214, 227

■ 240, 228, 227

■ 81, 211, 227

■ 255, 231, 227

■ 59, 209, 227

■ 255, 233, 227

■ 36, 206, 227

■ 255, 236, 227

■ 13, 204, 227

■ 255, 238, 227

■ 0, 202, 227

■ 255, 241, 227

■ 255, 243, 227

Harmonies

Analogous

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



177, 222, 211



172, 221, 227



179, 218, 239

Triad

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



172, 221, 227



233, 204, 228



225, 211, 181

Complementary

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



172, 221, 227



227, 178, 172

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.



239, 206, 186



172, 221, 227



243, 202, 213

Square

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



172, 221, 227



215, 208, 239



245, 203, 198



208, 216, 185

Rectangle

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



172, 221, 227



189, 215, 243



245, 203, 198



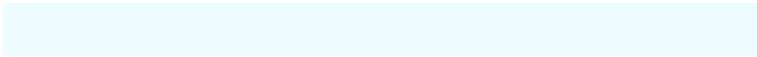
230, 209, 182

Sweetspot

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



172, 221, 227



237, 253, 255



172, 227, 178



117, 126, 128



0, 0, 0



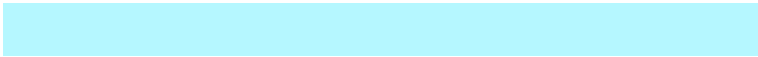
128, 128, 128

Same Dimension

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



172, 221, 227



181, 247, 255



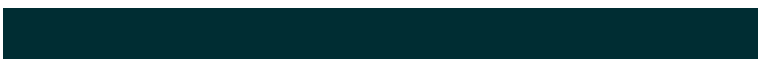
172, 194, 227



103, 113, 115



0, 159, 179



0, 45, 51

Inverse Universe

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



227, 172, 221



255, 181, 247



227, 205, 172



115, 103, 113



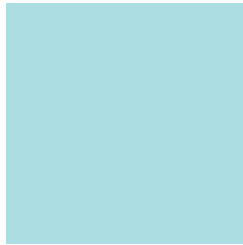
179, 0, 159



51, 0, 45

Previews

White Background



This preview shows how the RGB color 172, 221, 227 looks on a white background.

Color Contrast Check

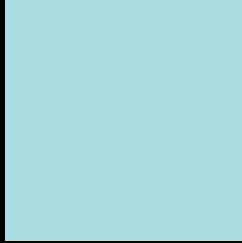
Large Text (above 18pt) WCAG AA × Fail

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 172, 221, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

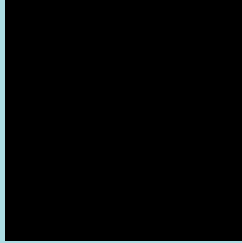
Any Text WCAG AA ✓ Pass

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 172, 221, 227 Background



This preview shows how black text looks on a background with the RGB color 172, 221, 227.

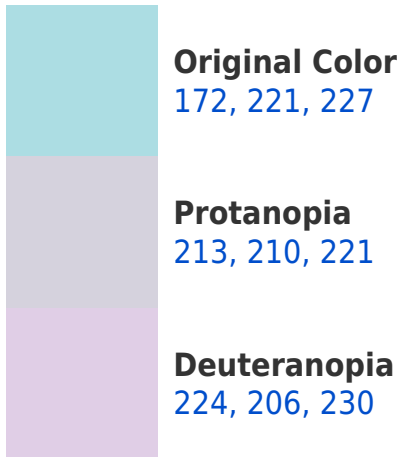


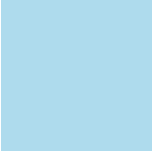
This preview shows how white text looks on a background with the RGB color 172, 221, 227.

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](#).

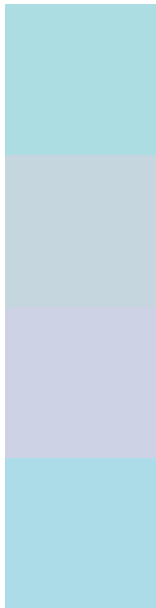
Dichromacy





Tritanopia
174, 219, 237

Trichromacy



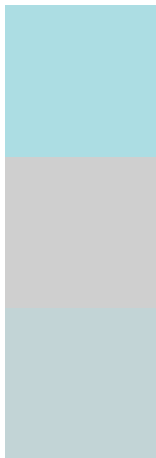
Original Color
172, 221, 227

Protanomaly
198, 214, 223

Deuteranomaly
205, 211, 229

Tritanomaly
173, 220, 233

Monochromacy



Original Color
172, 221, 227

Achromatopsia
207, 207, 207

Achromatomaly
194, 212, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 221, 227 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(172, 221, 227)` looks like.

```
.text, #text, p{  
    color:rgb(172, 221, 227)  
}
```

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(172, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 221, 227) }
```

Border

The CSS property to change the border of an element to RGB 172, 221, 227 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(172, 221, 227) }
```

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

```
.border{ border-color:rgb(172, 221, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 221, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 221, 227); box-shadow:4px 4px 4px 4px rgb(172, 221, 227) }
```

Background

The CSS property to change the background color of an element to RGB 172, 221, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 221, 227) }
```

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

```
.background{ background-color: rgb(172,  
221, 227) }
```

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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