

Converting Colors

RGB(172, 252, 255)

Have a look what the booklet for
RGB(172, 252, 255) contains.

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Color

RGB(172, 252, 255)

Conversions

Conversions Part 1

Format	Color
Hex	ACFCFF
RGB	172, 252, 255
RGB Percent	67%, 99%, 100%
CMY	0.3255, 0.0118, 0.0000
CMYK	0.33, 0.01, 0.00, 0.00
HSL	182°, 100%, 84%
HSV	182°, 33%, 100%
XYZ	69.8737, 85.6115, 107.4497
YIQ	228.4220, -48.6430, -16.0270

Conversions

Conversions Part 2

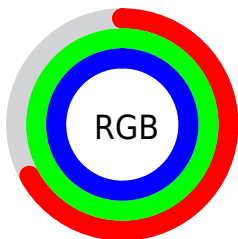
Format	Color
R _Y B	172, 213, 255
Decimal	11336959
CIE Lab	94.15, -23.51, -9.21
CIE LCh	94, 25.246, 201.400
Yxy	85.6115, 0.2657, 0.3256
Android (android.graphics.Color)	4289527039 (0xFFACFCFF)
YUV	228.4220, 13.1030, -49.4821
Hunter-Lab	92.5265, -27.1226, -4.0841

Details

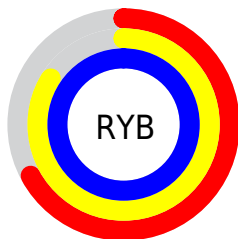
The RGB color **172, 252, 255** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 175, 172**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **230, 255, 255**, and **116, 195, 198** is the 20% darker color. If you saturate the color by 10%, you get **147, 251, 255**, and if you desaturate by 10%, it is **198, 253, 255**.

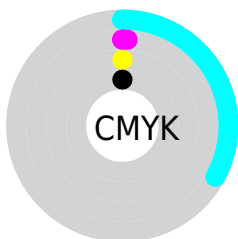
Distribution



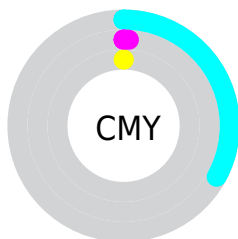
- Red (67%)
- Green (99%)
- Blue (100%)



- Red (67%)
- Yellow (84%)
- Blue (100%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 252, 255 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, 252, 255 by changing the saturation by 10% instead.


 172, 252, 255

255, 255, 255


 230, 255, 255


 172, 252, 255

 144, 223, 226

 116, 195, 198

 88, 168, 171

 60, 141, 145

 27, 116, 119

 0, 91, 94

 0, 67, 71

 0, 44, 48

 0, 24, 27

■ 172, 252, 255

■ 172, 252, 255

■ 147, 251, 255

■ 198, 253, 255

■ 121, 250, 255

■ 223, 254, 255

■ 96, 249, 255

■ 249, 255, 255

■ 70, 248, 255

■ 255, 255, 255

■ 45, 247, 255

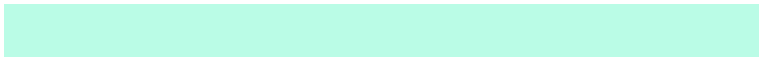
■ 19, 246, 255

■ 0, 246, 255

Harmonies

Analogous

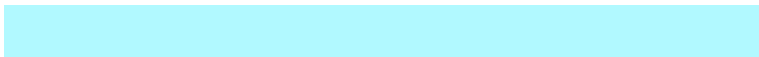
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



186, 252, 230



172, 252, 255



177, 249, 255

Triad

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



172, 252, 255



255, 226, 255



255, 234, 190

Complementary

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



172, 252, 255



255, 175, 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.



255, 226, 201



172, 252, 255



255, 222, 246

Square

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



172, 252, 255



233, 234, 255



255, 222, 221



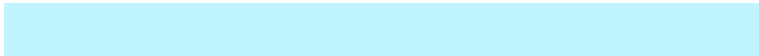
238, 242, 193

Rectangle

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



172, 252, 255



192, 245, 255



255, 222, 221



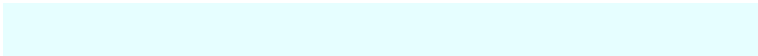
255, 231, 193

Sweetspot

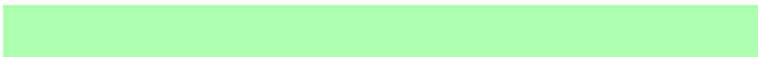
The Sweet Spot groups the original color and five complimentary colors.



172, 252, 255



230, 254, 255



172, 255, 175



112, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 252, 255



156, 251, 255



172, 211, 255



115, 127, 128



0, 184, 191



0, 61, 64

Inverse Universe

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



255, 172, 252



255, 156, 251



255, 216, 172



128, 115, 127



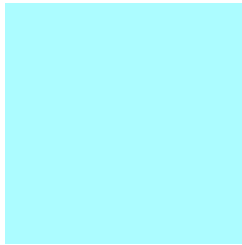
191, 0, 184



64, 0, 61

Previews

White Background



This preview shows how the RGB color 172, 252, 255 looks on a white background.

Color Contrast Check

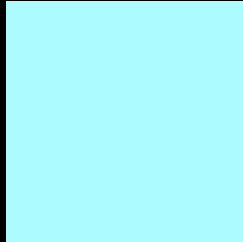
Large Text (above 18pt) WCAG AA × Fail

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, 252, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

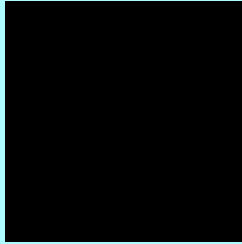
Any Text WCAG AA ✓ Pass

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, 252, 255 Background



This preview shows how black text looks on a background with the RGB color 172, 252, 255.

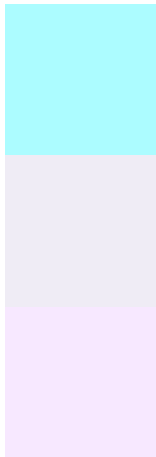


This preview shows how white text looks on a background with the RGB color 172, 252, 255.

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
172, 252, 255

Protanopia
239, 236, 245

Deuteranopia
247, 232, 255



Tritanopia

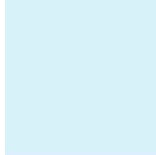
208, 244, 255

Trichromacy



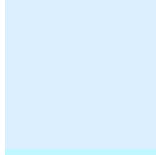
Original Color

172, 252, 255



Protanomaly

215, 242, 249



Deuteranomaly

220, 239, 255



Tritanomaly

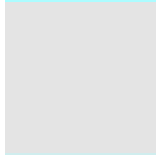
195, 247, 255

Monochromacy



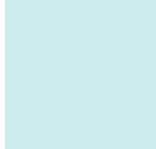
Original Color

172, 252, 255



Achromatopsia

228, 228, 228



Achromatomaly

208, 237, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 252, 255 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, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 252, 255)  
}
```

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, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 252, 255) }
```

Border

The CSS property to change the border of an element to RGB 172, 252, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

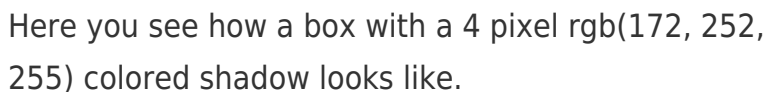
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 252, 255) }
```

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

```
.border{ border-color:rgb(172, 252, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 252, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 252, 255); box-shadow:4px 4px 4px 4px rgb(172, 252, 255) }
```

Background

The CSS property to change the background color of an element to RGB 172, 252, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 252, 255) }
```

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

```
.background{ background-color: rgb(172,  
252, 255) }
```

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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