

Converting Colors

RGB(172, 242, 248)

Have a look what the booklet for
RGB(172, 242, 248) contains.

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Color

RGB(172, 242, 248)

Conversions

Conversions Part 1

Format	Color
Hex	ACF2F8
RGB	172, 242, 248
RGB Percent	67%, 95%, 97%
CMY	0.3255, 0.0510, 0.0275
CMYK	0.31, 0.02, 0.00, 0.03
HSL	185°, 84%, 82%
HSV	185°, 31%, 97%
XYZ	65.7087, 79.0522, 100.6023
YIQ	221.7540, -43.6460, -12.9740

Conversions

Conversions Part 2

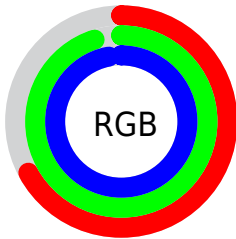
Format	Color
R _Y B	172, 208, 248
Decimal	11334392
CIE Lab	91.26, -20.21, -9.87
CIE LCh	91, 22.488, 206.028
Yxy	79.0522, 0.2678, 0.3222
Android (android.graphics.Color)	4289524472 (0xFFACF2F8)
YUV	221.7540, 12.9393, -43.6343
Hunter-Lab	88.9113, -23.6769, -4.8482

Details

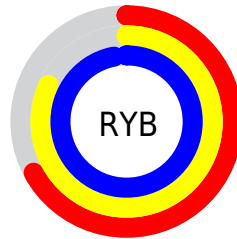
The RGB color **172, 242, 248** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **248, 178, 172**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **229, 255, 255**, and **117, 186, 192** is the 20% darker color. If you saturate the color by 10%, you get **147, 240, 248**, and if you desaturate by 10%, it is **197, 244, 248**.

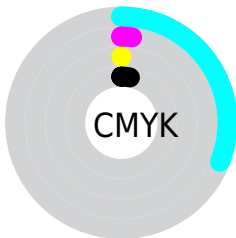
Distribution



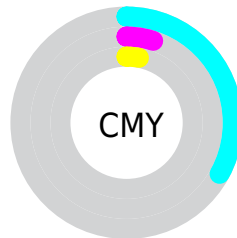
- Red (67%)
- Green (95%)
- Blue (97%)



- Red (67%)
- Yellow (82%)
- Blue (97%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (33%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 242, 248 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, 242, 248 by changing the saturation by 10% instead.


 172, 242, 248


255, 255, 255


 229, 255, 255


 172, 242, 248


 144, 214, 219


 117, 186, 192

 90, 159, 165


 62, 132, 138

 33, 107, 113

 0, 83, 88

 0, 59, 65

 0, 37, 43

 0, 10, 23

 172, 242, 248

 172, 242, 248

 147, 240, 248

 197, 244, 248

 122, 238, 248

 222, 246, 248

 98, 236, 248

 246, 248, 248

 73, 234, 248

 255, 250, 248

 48, 232, 248

 255, 252, 248

 23, 230, 248

 255, 254, 248

 0, 228, 248

 255, 255, 248

Harmonies

Analogous

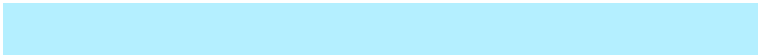
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181, 242, 226



172, 242, 248



180, 239, 255

Triad

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



172, 242, 248



255, 219, 254



250, 227, 187

Complementary

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



172, 242, 248



248, 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.



255, 221, 195



172, 242, 248



255, 215, 234

Square

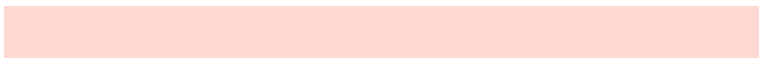
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172, 242, 248



230, 225, 255



255, 216, 212



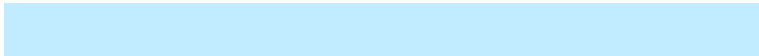
226, 234, 191

Rectangle

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



172, 242, 248



193, 235, 255



255, 216, 212



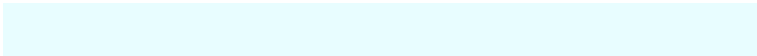
255, 225, 189

Sweetspot

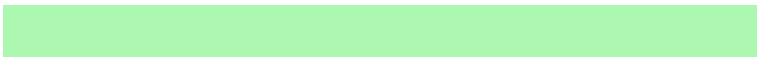
The Sweet Spot groups the original color and five complimentary colors.



172, 242, 248



232, 253, 255



172, 248, 177



113, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 242, 248



161, 248, 255



172, 205, 248



112, 124, 125



0, 174, 189



0, 56, 61

Inverse Universe

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



248, 172, 242



255, 161, 248



248, 215, 172



125, 112, 124



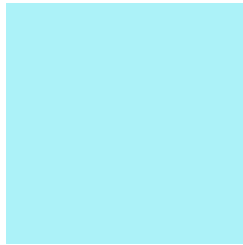
189, 0, 174



61, 0, 56

Previews

White Background



This preview shows how the RGB color 172, 242, 248 looks on a white background.

Color Contrast Check

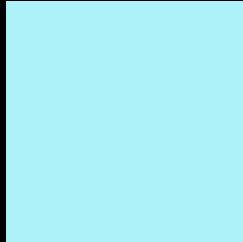
Large Text (above 18pt) WCAG AA × Fail

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, 242, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

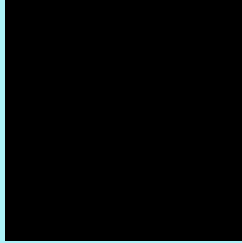
Any Text WCAG AA ✓ Pass

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, 242, 248 Background



This preview shows how black text looks on a background with the RGB color 172, 242, 248.

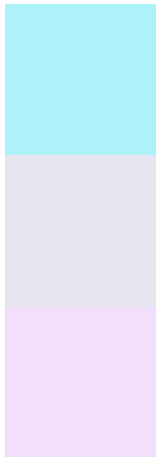


This preview shows how white text looks on a background with the RGB color 172, 242, 248.

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, 242, 248

Protanopia
230, 228, 239

Deuteranopia
241, 223, 252



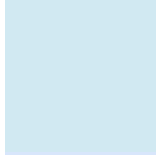
Tritanopia
185, 239, 255

Trichromacy



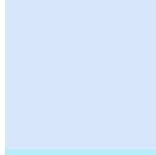
Original Color

172, 242, 248



Protanomaly

209, 233, 242



Deuteranomaly

216, 230, 251



Tritanomaly

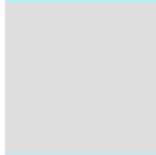
180, 240, 252

Monochromacy



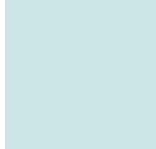
Original Color

172, 242, 248



Achromatopsia

222, 222, 222



Achromatomaly

204, 229, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 242, 248 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, 242, 248)` looks like.

```
.text, #text, p{  
    color:rgb(172, 242, 248)  
}
```

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, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 242, 248) }
```

Border

The CSS property to change the border of an element to RGB 172, 242, 248 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, 242, 248) }
```

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

```
.border{ border-color:rgb(172, 242, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 242, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 242, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 242, 248);  
box-shadow:4px 4px 4px 4px rgb(172, 242,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 172, 242, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 242, 248) }
```

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

```
.background{ background-color: rgb(172,  
242, 248) }
```

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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