

Converting Colors

RGB(73, 248, 178)

Have a look what the booklet for
RGB(73, 248, 178) contains.

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Color

RGB(73, 248, 178)

Conversions

Conversions Part 1

Format	Color
Hex	49F8B2
RGB	73, 248, 178
RGB Percent	29%, 97%, 70%
CMY	0.7137, 0.0275, 0.3020
CMYK	0.71, 0.00, 0.28, 0.03
HSL	156°, 93%, 63%
HSV	156°, 71%, 97%
XYZ	44.3509, 71.7656, 53.6341
YIQ	187.6950, -81.8300, -58.8700

Conversions

Conversions Part 2

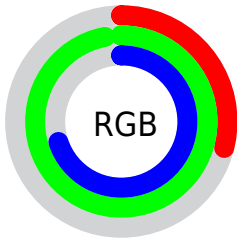
Format	Color
R _Y B	73, 182, 248
Decimal	4847794
CIE Lab	87.86, -59.84, 21.11
CIE LCh	88, 63.453, 160.568
Yxy	71.7656, 0.2613, 0.4228
Android (android.graphics.Color)	4283037874 (0xFF49F8B2)
YUV	187.6950, -4.7796, -100.5875
Hunter-Lab	84.7146, -54.7998, 21.7628

Details

The RGB color **73, 248, 178** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **248, 73, 143**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **142, 255, 234**, and **0, 190, 125** is the 20% darker color. If you saturate the color by 10%, you get **48, 248, 168**, and if you desaturate by 10%, it is **98, 248, 188**.

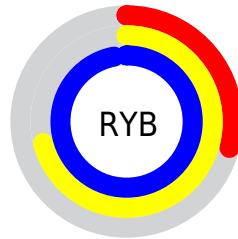
Distribution



Red (29%)

Green (97%)

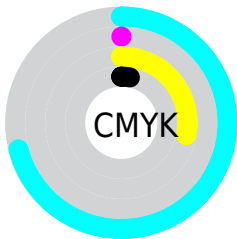
Blue (70%)



Red (29%)

Yellow (71%)

Blue (97%)

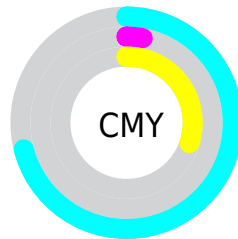


Cyan (71%)

Magenta (0%)

Yellow (28%)

Black (3%)



Cyan (71%)

















Magenta (3%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 73, 248, 178 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 73, 248, 178 by changing the saturation by 10% instead.

 73, 248, 178	 73, 248, 178
 255, 255, 255	 18, 219, 151
 142, 255, 234	 0, 190, 125
 173, 255, 255	 0, 162, 100
 205, 255, 255	 0, 135, 76
 236, 255, 255	 0, 109, 52
	 0, 83, 30
	 0, 58, 8
	 0, 34, 0
	 0, 0, 0

 73, 248, 178

 73, 248, 178

 48, 248, 168

 98, 248, 188

 23, 248, 158

 123, 248, 198

 0, 248, 149

 147, 248, 208

 172, 248, 218

 197, 248, 228

 222, 248, 238

 247, 248, 247

 255, 248, 255

Harmonies

Analogous

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



169, 239, 125



73, 248, 178



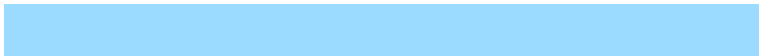
0, 251, 241

Triad

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



73, 248, 178



155, 219, 255



255, 181, 145

Complementary

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



73, 248, 178



248, 73, 143

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, 169, 201



73, 248, 178



253, 196, 255

Square

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



73, 248, 178



0, 238, 255



255, 175, 255



255, 203, 105

Rectangle

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



73, 248, 178



0, 250, 255



255, 175, 255



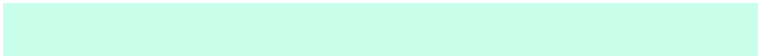
255, 175, 162

Sweetspot

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



73, 248, 178



201, 255, 234



143, 248, 73



96, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



73, 248, 178



38, 255, 168



73, 230, 248



112, 125, 120



0, 189, 113



0, 61, 37

Inverse Universe

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



248, 73, 143



255, 38, 125



248, 91, 73



125, 112, 117



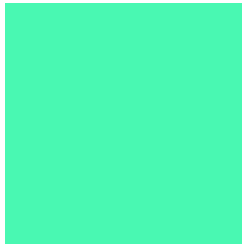
189, 0, 75



61, 0, 24

Previews

White Background



This preview shows how the RGB color 73, 248, 178 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 73, 248, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

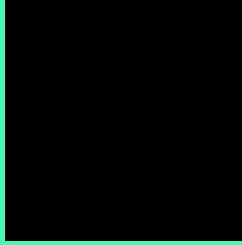
Any Text WCAG AA ✓ Pass

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 73, 248, 178 Background



This preview shows how black text looks on a background with the RGB color 73, 248, 178.

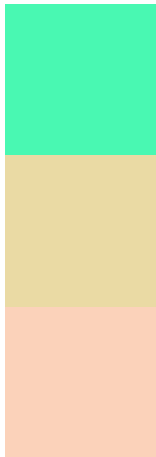


This preview shows how white text looks on a background with the RGB color 73, 248, 178.

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](#).

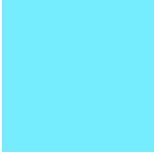
Dichromacy



Original Color
73, 248, 178

Protanopia
234, 218, 164

Deuteranopia
251, 210, 186



Tritanopia
117, 237, 255

Trichromacy



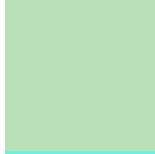
Original Color

73, 248, 178



Protanomaly

175, 229, 169



Deuteranomaly

186, 224, 183



Tritanomaly

101, 241, 227

Monochromacy



Original Color

73, 248, 178



Achromatopsia

188, 188, 188



Achromatomaly

146, 210, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 73, 248, 178 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(73, 248, 178)` looks like.

```
.text, #text, p{  
    color:rgb(73, 248, 178)  
}
```

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(73, 248, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 248, 178) }
```

Border

The CSS property to change the border of an element to RGB 73, 248, 178 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(73, 248, 178) }
```

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

```
.border{ border-color:rgb(73, 248, 178) }
```

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

Here you see how a box with a 4 pixel rgb(73, 248, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 248, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 248, 178);  
box-shadow:4px 4px 4px 4px rgb(73, 248,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 73, 248, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 248, 178) }
```

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

```
.background{ background-color: rgb(73, 248,  
178) }
```

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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