

Converting Colors

RGB(50, 223, 248)

Have a look what the booklet for
RGB(50, 223, 248) contains.

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Color

RGB(50, 223, 248)

Conversions

Conversions Part 1

Format	Color
Hex	32DFF8
RGB	50, 223, 248
RGB Percent	20%, 87%, 97%
CMY	0.8039, 0.1255, 0.0275
CMYK	0.80, 0.10, 0.00, 0.03
HSL	188°, 93%, 58%
HSV	188°, 80%, 97%
XYZ	44.6463, 60.2308, 98.0795
YIQ	174.1230, -111.1330, -28.9010

Conversions

Conversions Part 2

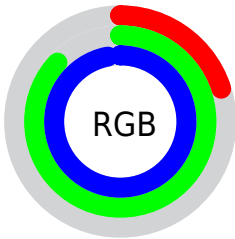
Format	Color
RYB	50, 142, 248
Decimal	3334136
CIELab	81.96, -33.58, -24.25
CIELCh	82, 41.423, 215.835
Yxy	60.2308, 0.2200, 0.2968
Android (android.graphics.Color)	4281524216 (0xFF32DFF8)
YUV	174.1230, 36.4214, -108.8559
Hunter-Lab	77.6085, -33.1280, -20.6032

Details

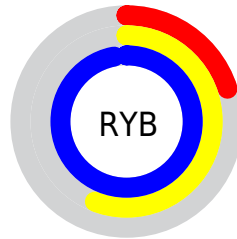
The RGB color **50, 223, 248** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **248, 75, 50**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **130, 255, 255**, and **0, 167, 192** is the 20% darker color. If you saturate the color by 10%, you get **25, 220, 248**, and if you desaturate by 10%, it is **75, 226, 248**.

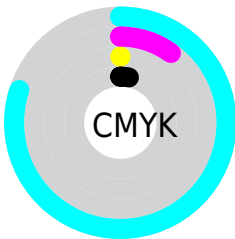
Distribution



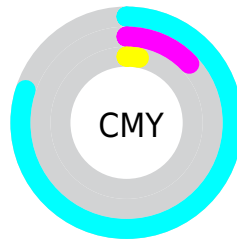
- Red (20%)
- Green (87%)
- Blue (97%)



- Red (20%)
- Yellow (56%)
- Blue (97%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



















- Cyan (80%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 50, 223, 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 50, 223, 248 by changing the saturation by 10% instead.

 50, 223, 248	 50, 223, 248
 255, 255, 255	 0, 195, 219
 130, 255, 255	 0, 167, 192
 163, 255, 255	 0, 141, 164
 195, 255, 255	 0, 115, 138
 227, 255, 255	 0, 90, 113
	 0, 65, 88
	 0, 43, 65
	 0, 16, 43
	 0, 1, 21

■ 50, 223, 248

■ 50, 223, 248

■ 25, 220, 248

■ 75, 226, 248

■ 0, 217, 248

■ 100, 229, 248

■ 0, 217, 248

■ 124, 232, 248

■ 149, 236, 248

■ 174, 239, 248

■ 199, 242, 248

■ 224, 245, 248

■ 248, 248, 248

■ 255, 251, 248

Harmonies

Analogous

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



82, 225, 210



50, 223, 248



95, 216, 255

Triad

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



50, 223, 248



255, 179, 236



222, 204, 126

Complementary

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



50, 223, 248



248, 75, 50

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, 191, 134



50, 223, 248



255, 174, 198

Square

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



50, 223, 248



218, 191, 255



255, 179, 160



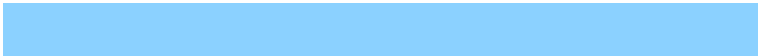
181, 215, 140

Rectangle

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



50, 223, 248



139, 209, 255



255, 179, 160



235, 200, 126

Sweetspot

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



50, 223, 248



194, 247, 255



50, 248, 73



91, 123, 128



0, 0, 0



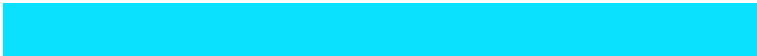
128, 128, 128

Same Dimension

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



50, 223, 248



10, 224, 255



50, 126, 248



112, 123, 125



0, 165, 189



0, 53, 61

Inverse Universe

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



248, 50, 223



255, 10, 224



248, 172, 50



125, 112, 123



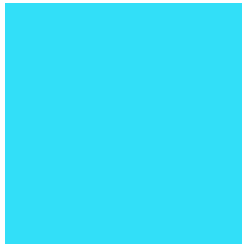
189, 0, 165



61, 0, 53

Previews

White Background



This preview shows how the RGB color 50, 223, 248 looks on a white background.

Color Contrast Check

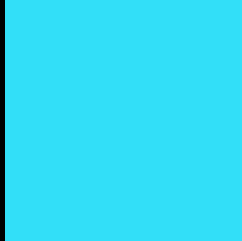
Large Text (above 18pt) WCAG AA × Fail

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 50, 223, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

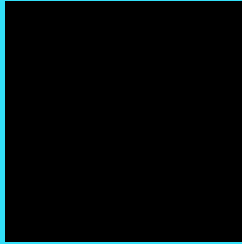
Any Text WCAG AA ✓ Pass

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 50, 223, 248 Background



This preview shows how black text looks on a background with the RGB color 50, 223, 248.

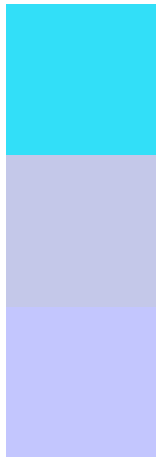


This preview shows how white text looks on a background with the RGB color 50, 223, 248.

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
50, 223, 248

Protanopia
196, 200, 233

Deuteranopia
195, 198, 254



Tritanopia
44, 224, 242

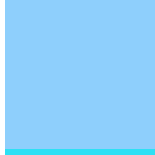
Trichromacy



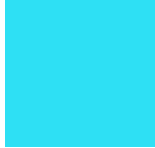
Original Color
50, 223, 248



Protanomaly
143, 208, 238



Deuteranomaly
142, 207, 252

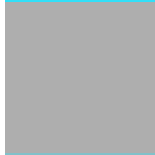


Tritanomaly
46, 224, 244

Monochromacy



Original Color
50, 223, 248



Achromatopsia
174, 174, 174



Achromatomaly
129, 192, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 50, 223, 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(50, 223, 248) looks like.

```
.text, #text, p{  
    color:rgb(50, 223, 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(50, 223, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 223, 248) }
```

Border

The CSS property to change the border of an element to RGB 50, 223, 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(50, 223, 248) }
```

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

```
.border{ border-color:rgb(50, 223, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 223, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 223, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 223, 248);  
box-shadow:4px 4px 4px 4px rgb(50, 223,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 50, 223, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 223, 248) }
```

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

```
.background{ background-color: rgb(50, 223,  
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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