

Converting Colors

RGB(90, 224, 253)

Have a look what the booklet for
RGB(90, 224, 253) contains.

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Color

RGB(90, 224, 253)

Conversions

Conversions Part 1

Format	Color
Hex	5AE0FD
RGB	90, 224, 253
RGB Percent	35%, 88%, 99%
CMY	0.6471, 0.1216, 0.0078
CMYK	0.64, 0.11, 0.00, 0.01
HSL	191°, 98%, 67%
HSV	191°, 64%, 99%
XYZ	48.6017, 62.5768, 102.4455
YIQ	187.2400, -89.1730, -19.3890

Conversions

Conversions Part 2

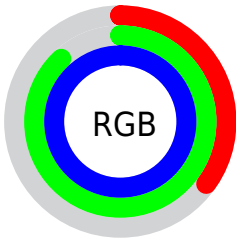
Format	Color
R _Y B	90, 164, 253
Decimal	5955837
CIE Lab	83.22, -27.84, -24.91
CIE LCh	83, 37.358, 221.821
Yxy	62.5768, 0.2275, 0.2929
Android (android.graphics.Color)	4284145917 (0xFF5AE0FD)
YUV	187.2400, 32.4197, -85.2795
Hunter-Lab	79.1055, -28.7658, -21.4096

Details

The RGB color **90, 224, 253** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **253, 119, 90**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **155, 255, 255**, and **0, 168, 196** is the 20% darker color. If you saturate the color by 10%, you get **65, 219, 253**, and if you desaturate by 10%, it is **115, 229, 253**.

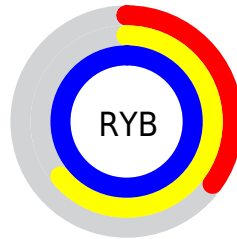
Distribution



Red (35%)

Green (88%)

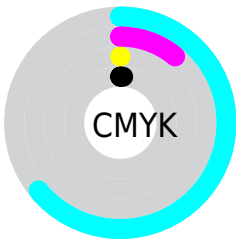
Blue (99%)



Red (35%)

Yellow (64%)

Blue (99%)

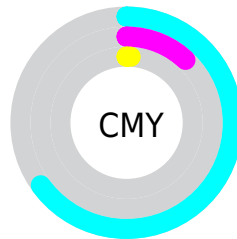


Cyan (64%)

Magenta (11%)

Yellow (0%)

Black (1%)



Cyan (65%)

















Magenta (12%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 224, 253 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 90, 224, 253 by changing the saturation by 10% instead.

 90, 224, 253	 90, 224, 253
 255, 255, 255	 50, 196, 224
 155, 255, 255	 0, 168, 196
 187, 255, 255	 0, 142, 169
 218, 255, 255	 0, 116, 143
 249, 255, 255	 0, 91, 117
	 0, 67, 92
	 0, 44, 68
	 0, 22, 46
	 0, 1, 25

■ 90, 224, 253

■ 90, 224, 253

■ 65, 219, 253

■ 115, 229, 253

■ 39, 215, 253

■ 141, 233, 253

■ 14, 210, 253

■ 166, 238, 253

■ 0, 208, 253

■ 191, 242, 253

■ 217, 247, 253

■ 242, 251, 253

255, 255, 253

Harmonies

Analogous

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



99, 227, 220



90, 224, 253



128, 217, 255

Triad

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



90, 224, 253



255, 183, 230



218, 210, 138

Complementary

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



90, 224, 253



253, 119, 90

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.



250, 198, 141



90, 224, 253



255, 181, 194

Square

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



90, 224, 253



230, 193, 255



255, 187, 162



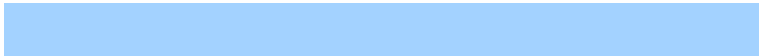
179, 219, 154

Rectangle

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



90, 224, 253



163, 210, 255



255, 187, 162



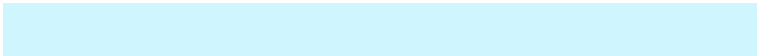
229, 206, 137

Sweetspot

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



90, 224, 253



207, 246, 255



90, 253, 117



98, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



90, 224, 253



59, 220, 255



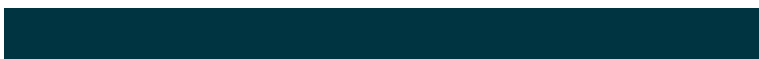
90, 144, 253



115, 125, 128



0, 157, 191



0, 52, 64

Inverse Universe

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



253, 90, 224



255, 59, 220



253, 199, 90



128, 115, 125



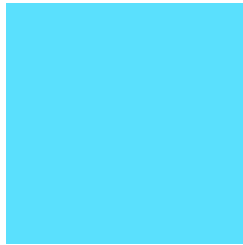
191, 0, 157



64, 0, 52

Previews

White Background



This preview shows how the RGB color 90, 224, 253 looks on a white background.

Color Contrast Check

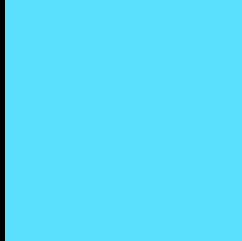
Large Text (above 18pt) WCAG AA × Fail

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 90, 224, 253 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 90, 224, 253 Background



This preview shows how black text looks on a background with the RGB color 90, 224, 253.

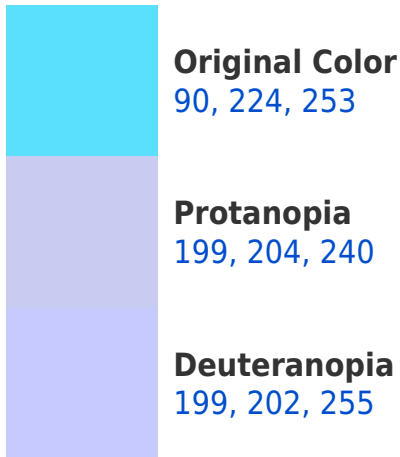


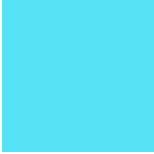
This preview shows how white text looks on a background with the RGB color 90, 224, 253.

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
85, 226, 244

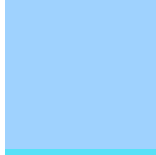
Trichromacy



Original Color
90, 224, 253



Protanomaly
159, 211, 245



Deuteranomaly
159, 210, 254

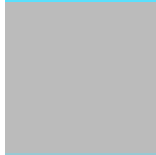


Tritanomaly
87, 225, 247

Monochromacy



Original Color
90, 224, 253



Achromatopsia
187, 187, 187



Achromatomaly
152, 200, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 224, 253 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(90, 224, 253)` looks like.

```
.text, #text, p{  
    color:rgb(90, 224, 253)  
}
```

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(90, 224, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 224, 253) }
```

Border

The CSS property to change the border of an element to RGB 90, 224, 253 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(90, 224, 253) }
```

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

```
.border{ border-color:rgb(90, 224, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 224, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 224, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 224, 253);  
box-shadow:4px 4px 4px 4px rgb(90, 224,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 90, 224, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 224, 253) }
```

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

```
.background{ background-color: rgb(90, 224,  
253) }
```

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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