

Converting Colors

RGB(90, 235, 247)

Have a look what the booklet for
RGB(90, 235, 247) contains.

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Color

RGB(90, 235, 247)

Conversions

Conversions Part 1

Format	Color
Hex	5AEBF7
RGB	90, 235, 247
RGB Percent	35%, 92%, 97%
CMY	0.6471, 0.0784, 0.0314
CMYK	0.64, 0.05, 0.00, 0.03
HSL	185°, 91%, 66%
HSV	185°, 64%, 97%
XYZ	50.7133, 68.3057, 98.5071
YIQ	193.0130, -90.2720, -27.0080

Conversions

Conversions Part 2

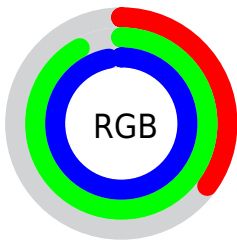
Format	Color
RYB	90, 165, 247
Decimal	5958647
CIELab	86.16, -34.80, -17.30
CIELCh	86, 38.865, 206.428
Yxy	68.3057, 0.2331, 0.3140
Android (android.graphics.Color)	4284148727 (0xFF5AEBF7)
YUV	193.0130, 26.6156, -90.3424
Hunter-Lab	82.6473, -35.1032, -12.8146

Details

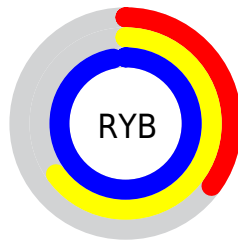
The RGB color **90, 235, 247** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **247, 102, 90**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **156, 255, 255**, and **0, 179, 191** is the 20% darker color. If you saturate the color by 10%, you get **65, 233, 247**, and if you desaturate by 10%, it is **115, 237, 247**.

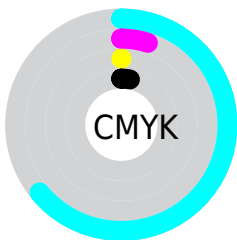
Distribution



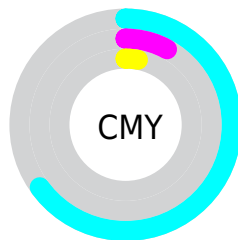
- Red (35%)
- Green (92%)
- Blue (97%)



- Red (35%)
- Yellow (65%)
- Blue (97%)



- Cyan (64%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



















- Cyan (65%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 235, 247 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, 235, 247 by changing the saturation by 10% instead.

 90, 235, 247	 90, 235, 247
 255, 255, 255	 49, 207, 219
 156, 255, 255	 0, 179, 191
 187, 255, 255	 0, 152, 164
 218, 255, 255	 0, 125, 137
 249, 255, 255	 0, 100, 112
	 0, 75, 87
	 0, 52, 64
	 0, 31, 42
	 0, 1, 22

■ 90, 235, 247

■ 90, 235, 247

■ 65, 233, 247

■ 115, 237, 247

■ 41, 231, 247

■ 139, 239, 247

■ 16, 229, 247

■ 164, 241, 247

■ 0, 228, 247

■ 189, 243, 247

■ 214, 244, 247

■ 238, 246, 247

■ 255, 248, 247

■ 255, 250, 247

■ 255, 252, 247

Harmonies

Analogous

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



121, 235, 210



90, 235, 247



106, 230, 255

Triad

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



90, 235, 247



255, 195, 255



245, 212, 142

Complementary

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



90, 235, 247



247, 102, 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.



255, 199, 155



90, 235, 247



255, 188, 221

Square

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



90, 235, 247



214, 208, 255



255, 190, 185



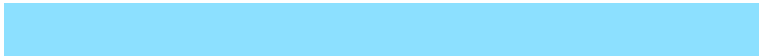
207, 223, 149

Rectangle

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



90, 235, 247



140, 224, 255



255, 190, 185



255, 207, 144

Sweetspot

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



90, 235, 247



207, 251, 255



90, 247, 100



98, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



90, 235, 247



61, 240, 255



90, 158, 247



110, 121, 122



0, 172, 186



0, 54, 59

Inverse Universe

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



247, 90, 235



255, 61, 240



247, 179, 90



122, 110, 121



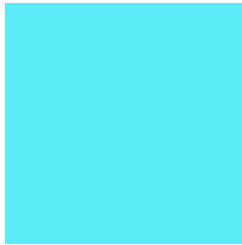
186, 0, 172



59, 0, 54

Previews

White Background



This preview shows how the RGB color 90, 235, 247 looks on a white background.

Color Contrast Check

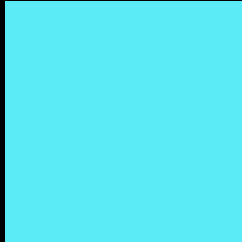
Large Text (above 18pt) WCAG AA × Fail

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, 235, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

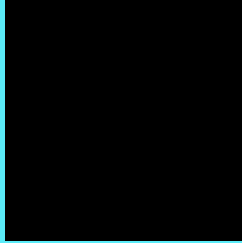
Any Text WCAG AA ✓ Pass

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, 235, 247 Background



This preview shows how black text looks on a background with the RGB color 90, 235, 247.

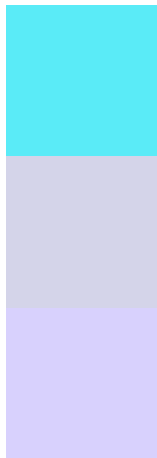


This preview shows how white text looks on a background with the RGB color 90, 235, 247.

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
90, 235, 247

Protanopia
212, 212, 233

Deuteranopia
216, 209, 253



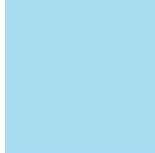
Tritanopia
93, 234, 253

Trichromacy



Original Color

90, 235, 247



Protanomaly

168, 220, 238



Deuteranomaly

170, 218, 251



Tritanomaly

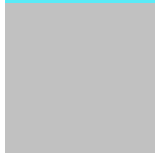
92, 234, 251

Monochromacy



Original Color

90, 235, 247



Achromatopsia

193, 193, 193



Achromatomaly

156, 208, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 235, 247 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, 235, 247)` looks like.

```
.text, #text, p{  
    color:rgb(90, 235, 247)  
}
```

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, 235, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 235, 247) }
```

Border

The CSS property to change the border of an element to RGB 90, 235, 247 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, 235, 247) }
```

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

```
.border{ border-color:rgb(90, 235, 247) }
```

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

Here you see how a box with a 4 pixel rgb(90, 235, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 235, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 235, 247);  
box-shadow:4px 4px 4px 4px rgb(90, 235,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 90, 235, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 235, 247) }
```

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

```
.background{ background-color: rgb(90, 235,  
247) }
```

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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