

Converting Colors

RGB(100, 224, 247)

Have a look what the booklet for
RGB(100, 224, 247) contains.

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Color

RGB(100, 224, 247)

Conversions

Conversions Part 1

Format	Color
Hex	64E0F7
RGB	100, 224, 247
RGB Percent	39%, 88%, 97%
CMY	0.6078, 0.1216, 0.0314
CMYK	0.60, 0.09, 0.00, 0.03
HSL	189°, 90%, 68%
HSV	189°, 60%, 97%
XYZ	48.6997, 62.7360, 97.5382
YIQ	189.5460, -81.2870, -19.1350

Conversions

Conversions Part 2

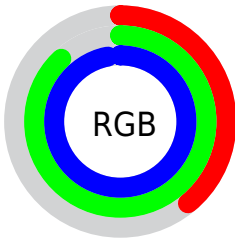
Format	Color
RYB	100, 167, 247
Decimal	6611191
CIELab	83.30, -27.93, -21.58
CIELCh	83, 35.302, 217.694
Yxy	62.7360, 0.2330, 0.3002
Android (android.graphics.Color)	4284801271 (0xFF64E0F7)
YUV	189.5460, 28.3248, -78.5318
Hunter-Lab	79.2061, -28.8603, -17.5683

Details

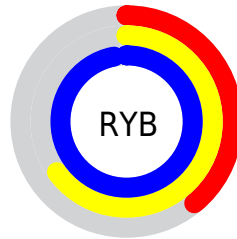
The RGB color **100, 224, 247** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **247, 123, 100**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **163, 255, 255**, and **5, 168, 191** is the 20% darker color. If you saturate the color by 10%, you get **75, 220, 247**, and if you desaturate by 10%, it is **125, 228, 247**.

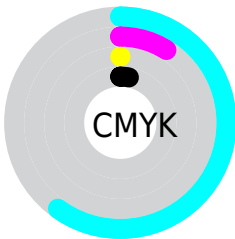
Distribution



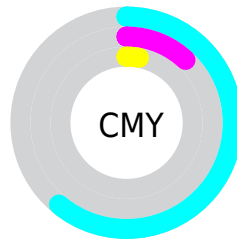
- Red (39%)
- Green (88%)
- Blue (97%)



- Red (39%)
- Yellow (65%)
- Blue (97%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (61%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 224, 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 100, 224, 247 by changing the saturation by 10% instead.

 100, 224, 247

255, 255, 255


 163, 255, 255

 193, 255, 255

 224, 255, 255


255, 255, 255

 100, 224, 247

 65, 196, 218

 5, 168, 191

 0, 142, 164

 0, 116, 137

 0, 91, 112

 0, 67, 87

 0, 44, 64

 0, 22, 42

 0, 1, 21

■ 100, 224, 247

■ 100, 224, 247

■ 75, 220, 247

■ 125, 228, 247

■ 51, 216, 247

■ 149, 232, 247

■ 26, 212, 247

■ 174, 236, 247

■ 1, 209, 247

■ 199, 239, 247

■ 0, 208, 247

■ 224, 243, 247

■ 248, 247, 247

■ 255, 251, 247

■ 255, 255, 247

■ 255, 255, 247

Harmonies

Analogous

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



112, 226, 215



100, 224, 247



128, 218, 255

Triad

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



100, 224, 247



255, 186, 233



222, 208, 141

Complementary

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



100, 224, 247



247, 123, 100

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.



252, 197, 147



100, 224, 247



255, 183, 200

Square

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



100, 224, 247



223, 196, 255



255, 187, 168



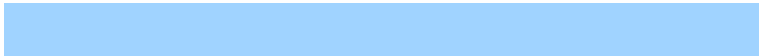
186, 218, 154

Rectangle

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



100, 224, 247



160, 211, 255



255, 187, 168



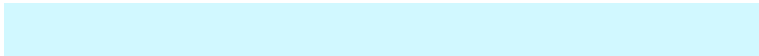
233, 205, 141

Sweetspot

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



100, 224, 247



209, 248, 255



100, 247, 122



99, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



100, 224, 247



74, 227, 255



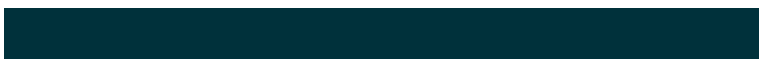
100, 151, 247



110, 120, 122



0, 157, 186



0, 49, 59

Inverse Universe

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



247, 100, 224



255, 74, 227



247, 196, 100



122, 110, 120



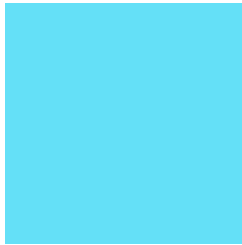
186, 0, 157



59, 0, 49

Previews

White Background



This preview shows how the RGB color 100, 224, 247 looks on a white background.

Color Contrast Check

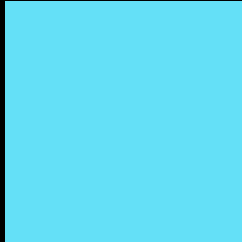
Large Text (above 18pt) WCAG AA × Fail

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 100, 224, 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 100, 224, 247 Background



This preview shows how black text looks on a background with the RGB color 100, 224, 247.

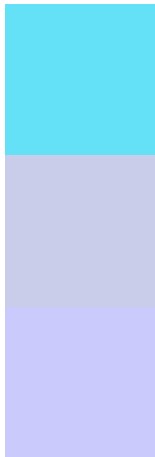


This preview shows how white text looks on a background with the RGB color 100, 224, 247.

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](#).

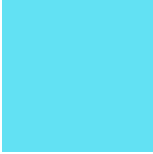
Dichromacy



Original Color
100, 224, 247

Protanopia
201, 205, 234

Deuteranopia
203, 202, 252



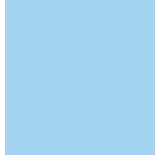
Tritanopia
98, 225, 243

Trichromacy



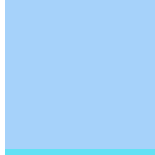
Original Color

100, 224, 247



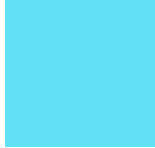
Protanomaly

164, 212, 239



Deuteranomaly

166, 210, 250



Tritanomaly

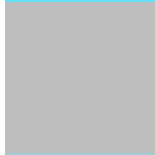
99, 225, 244

Monochromacy



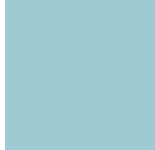
Original Color

100, 224, 247



Achromatopsia

190, 190, 190



Achromatomaly

157, 202, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 224, 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(100, 224, 247)` looks like.

```
.text, #text, p{  
    color:rgb(100, 224, 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(100, 224, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 224, 247) }
```

Border

The CSS property to change the border of an element to RGB 100, 224, 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(100, 224, 247) }
```

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

```
.border{ border-color:rgb(100, 224, 247) }
```

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

Here you see how a box with a 4 pixel rgb(100, 224, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 224, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 224, 247);  
box-shadow:4px 4px 4px 4px rgb(100, 224,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 100, 224, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 224, 247) }
```

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

```
.background{ background-color: rgb(100,  
224, 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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