

Converting Colors

`RYB(173, 227, 247)`

Have a look what the booklet for
RYB(173, 227, 247) contains.

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Color

R_YB(173, 227, 247)

Conversions

Conversions Part 1

Format	Color
Hex	ADF7C8
RGB	173, 247, 200
RGB Percent	68%, 97%, 78%
CMY	0.3216, 0.0314, 0.2141
CMYK	0.30, 0.00, 0.19, 0.03
HSL	142°, 82%, 82%
HSV	142°, 30%, 97%
XYZ	60.9674, 79.5950, 67.0436
YIQ	219.5160, -29.0170, -30.3050

Conversions

Conversions Part 2

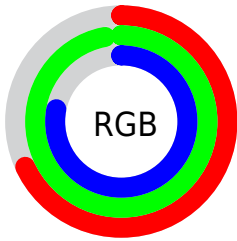
Format	Color
RYB	173, 227, 247
Decimal	11401160
CIELab	91.50, -32.16, 15.20
CIElCh	92, 35.575, 154.704
Yxy	79.5950, 0.2937, 0.3834
Android (android.graphics.Color)	4289591240 (0xFFADF7C8)
YUV	219.5160, -9.6214, -40.7945
Hunter-Lab	89.2160, -34.1468, 17.8963

Details

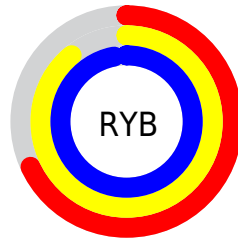
The RYB color **173, 227, 247** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **247, 173, 220**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **230, 243, 255**, and **118, 170, 190** is the 20% darker color. If you saturate the color by 10%, you get **148, 220, 247**, and if you desaturate by 10%, it is **198, 234, 247**.

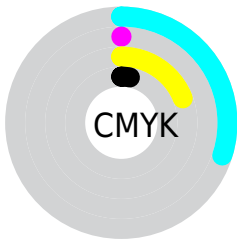
Distribution



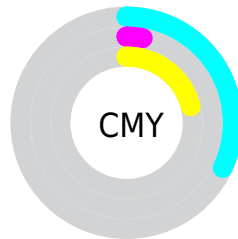
- Red (68%)
- Green (97%)
- Blue (78%)



- Red (68%)
- Yellow (89%)
- Blue (97%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)



- Cyan (32%)
- Magenta (3%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 227, 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 RYB color 173, 227, 247 by changing the saturation by 10% instead.


 173, 227, 247


255, 255, 255


 230, 243, 255

 173, 227, 247

 145, 198, 218

 118, 170, 190

 92, 142, 163

 66, 115, 136

 39, 88, 111

 3, 56, 86

 0, 43, 62

 0, 37, 40

 0, 10, 10

 173, 227, 247

 173, 227, 247

 148, 220, 247

 198, 234, 247

 124, 214, 247


 222, 240, 247


 99, 207, 247

 247, 247, 247

 74, 200, 247

 255, 247, 255

 50, 194, 247

 25, 187, 247

 0, 180, 247

 0, 181, 247

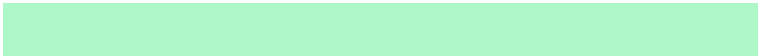
Harmonies

Analogous

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



174, 240, 201



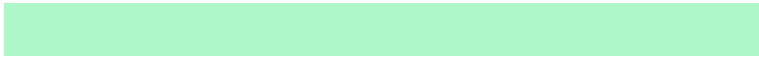
173, 227, 247



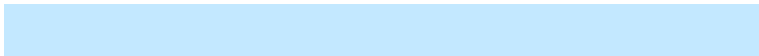
138, 198, 250

Triad

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



173, 227, 247



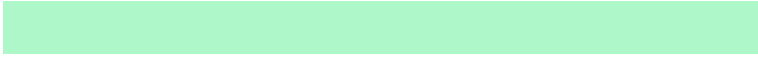
195, 218, 255



255, 215, 193

Complementary

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



173, 227, 247



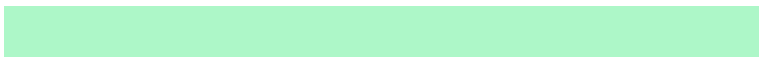
247, 173, 220

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, 205, 226



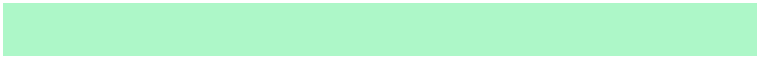
173, 227, 247



243, 220, 255

Square

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



173, 227, 247



148, 198, 255



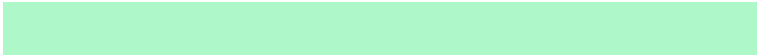
255, 210, 255



232, 255, 170

Rectangle

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



173, 227, 247



125, 188, 255



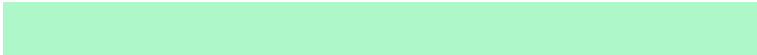
255, 210, 255



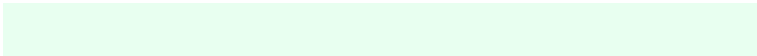
255, 207, 204

Sweetspot

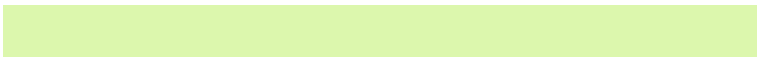
The Sweet Spot groups the original color and five complimentary colors.



173, 227, 247



232, 249, 255



173, 247, 200



113, 124, 128



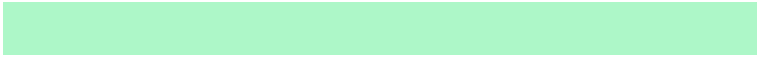
0, 0, 0



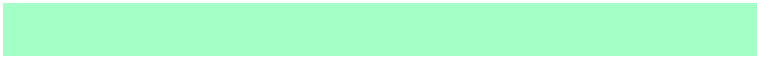
128, 128, 128

Same Dimension

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



173, 227, 247



163, 230, 255



173, 213, 247



110, 118, 122



0, 136, 186



0, 43, 59

Inverse Universe

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



247, 173, 220



255, 163, 221



247, 173, 183



122, 110, 118



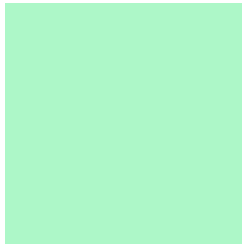
186, 0, 117



59, 0, 37

Previews

White Background



This preview shows how the RYB color 173, 227, 247 looks on a white background.

Color Contrast Check

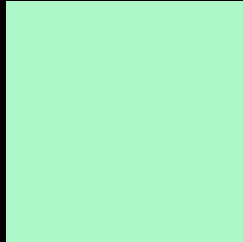
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 173, 227, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

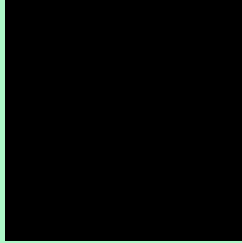
Any Text WCAG AA ✓ Pass

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](#).

RYB 173, 227, 247 Background



This preview shows how black text looks on a background with the RYB color 173, 227, 247.



This preview shows how white text looks on a background with the RYB color 173, 227, 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





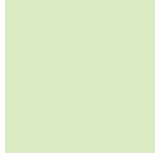
Tritanopia
191, 218, 255

Trichromacy



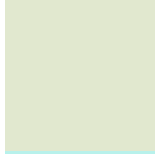
Original Color

173, 227, 247



Protanomaly

195, 236, 214



Deuteranomaly

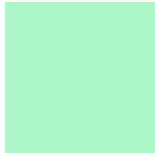
207, 232, 214



Tritanomaly

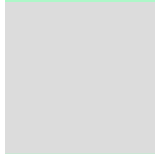
184, 214, 241

Monochromacy



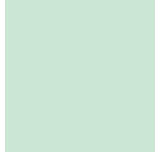
Original Color

173, 227, 247



Achromatopsia

220, 220, 220



Achromatomaly

203, 223, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 227, 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(173, 247, 200)` looks like.

```
.text, #text, p{  
    color:rgb(173, 247, 200)  
}
```

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(173, 247, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 247, 200) }
```

Border

The CSS property to change the border of an element to RYB 173, 227, 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(173, 247, 200) }
```

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

```
.border{ border-color:rgb(173, 247, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 247, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 247, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 247, 200);  
box-shadow:4px 4px 4px 4px rgb(173, 247,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 173, 227, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 247, 200) }
```

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

```
.background{ background-color: rgb(173,  
247, 200) }
```

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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