

Converting Colors

`RYB(165, 207, 247)`

Have a look what the booklet for
RYB(165, 207, 247) contains.

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Color

`RYB(165, 207, 247)`

Conversions

Conversions Part 1

Format	Color
Hex	A5F7F3
RGB	165, 247, 243
RGB Percent	65%, 97%, 95%
CMY	0.3529, 0.0314, 0.0467
CMYK	0.33, 0.00, 0.02, 0.03
HSL	177°, 84%, 81%
HSV	177°, 33%, 97%
XYZ	64.9699, 80.9977, 97.0793
YIQ	222.0260, -47.5880, -18.6280

Conversions

Conversions Part 2

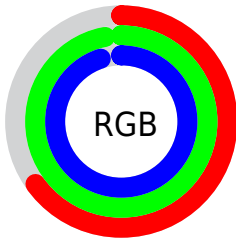
Format	Color
RYB	165, 207, 247
Decimal	10876915
CIELab	92.13, -25.63, -6.06
CIELCh	92, 26.340, 193.307
Yxy	80.9977, 0.2673, 0.3333
Android (android.graphics.Color)	4289066995 (0xFFA5F7F3)
YUV	222.0260, 10.3402, -50.0118
Hunter-Lab	89.9987, -28.6390, -0.9555

Details

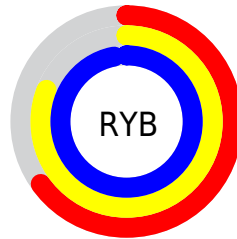
The RYB color **165, 207, 247** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **247, 165, 169**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **223, 239, 255**, and **109, 150, 190** is the 20% darker color. If you saturate the color by 10%, you get **140, 195, 247**, and if you desaturate by 10%, it is **190, 219, 247**.

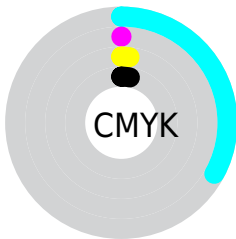
Distribution



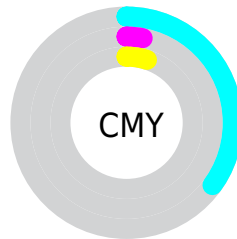
- Red (65%)
- Green (97%)
- Blue (95%)



- Red (65%)
- Yellow (81%)
- Blue (97%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 165, 207, 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 165, 207, 247 by changing the saturation by 10% instead.

 165, 207, 247

 165, 207, 247


255, 255, 255

 137, 178, 218

 223, 239, 255

 109, 150, 190

 252, 254, 255

 81, 123, 163

 53, 96, 137

 17, 65, 111

 0, 44, 86


 0, 32, 63

 0, 20, 40


 0, 8, 19

 165, 207, 247


 165, 207, 247

 140, 195, 247


 190, 219, 247

 116, 183, 247


 214, 231, 247

 91, 171, 247


 239, 243, 247

 66, 159, 247

 255, 247, 248

 41, 147, 247

 255, 247, 249

 17, 135, 247

 255, 247, 250

 0, 127, 247

 255, 247, 251

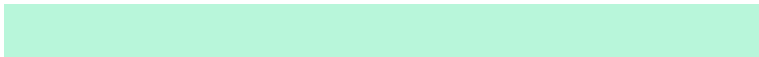
 255, 247, 253

 255, 247, 254

Harmonies

Analogous

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



184, 224, 246



165, 207, 247



165, 207, 255

Triad

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



165, 207, 247



251, 222, 255



235, 255, 185

Complementary

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



165, 207, 247



247, 165, 169

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, 228, 199



165, 207, 247



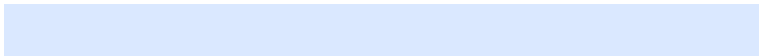
255, 216, 248

Square

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



165, 207, 247



218, 228, 255



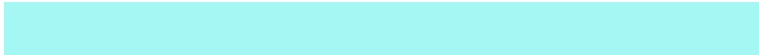
255, 215, 222



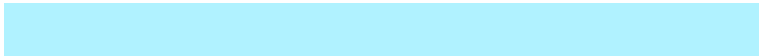
190, 240, 183

Rectangle

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



165, 207, 247



176, 212, 255



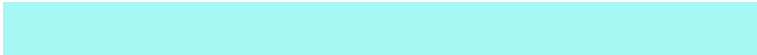
255, 215, 222



249, 255, 188

Sweetspot

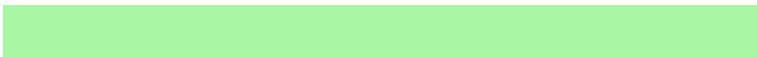
The Sweet Spot groups the original color and five complimentary colors.



165, 207, 247



230, 243, 255



165, 247, 243



112, 120, 128



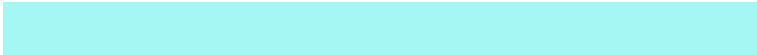
0, 0, 0



128, 128, 128

Same Dimension

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



165, 207, 247



153, 205, 255



165, 194, 247



110, 116, 122



0, 95, 186



0, 30, 59

Inverse Universe

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



247, 165, 169



255, 153, 158



247, 232, 165



122, 110, 111



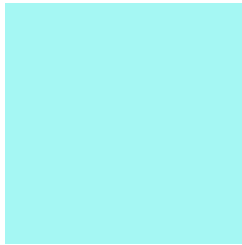
186, 0, 9



59, 0, 3

Previews

White Background



This preview shows how the RYB color 165, 207, 247 looks on a white background.

Color Contrast Check

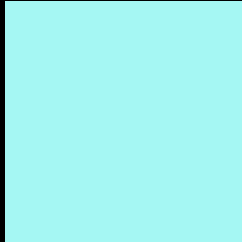
Large Text (above 18pt) WCAG AA × Fail

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 165, 207, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

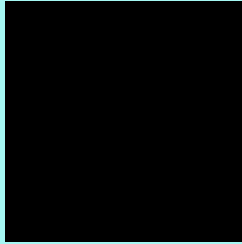
Any Text WCAG AA ✓ Pass

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 165, 207, 247 Background



This preview shows how black text looks on a background with the RYB color 165, 207, 247.

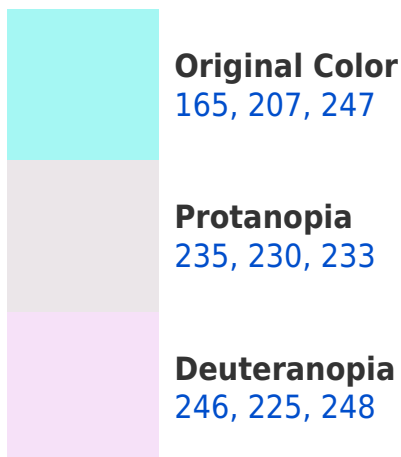


This preview shows how white text looks on a background with the RYB color 165, 207, 247.

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





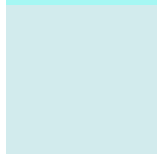
Tritanopia
190, 218, 255

Trichromacy



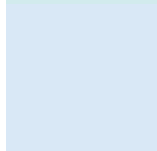
Original Color

165, 207, 247



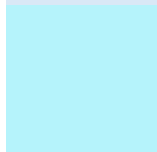
Protanomaly

210, 223, 237



Deuteranomaly

217, 227, 246



Tritanomaly

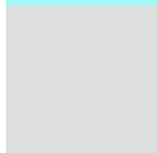
181, 214, 251

Monochromacy



Original Color

165, 207, 247



Achromatopsia

222, 222, 222



Achromatomaly

201, 216, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 207, 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(165, 247, 243) looks like.

```
.text, #text, p{  
    color:rgb(165, 247, 243)  
}
```

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(165, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 247, 243) }
```

Border

The CSS property to change the border of an element to RYB 165, 207, 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(165, 247, 243) }
```

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

```
.border{ border-color:rgb(165, 247, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 247, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(165, 247,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 165, 207, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 247, 243) }
```

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

```
.background{ background-color: rgb(165,  
247, 243) }
```

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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