

Converting Colors

`RYB(148, 184, 228)`

Have a look what the booklet for
RYB(148, 184, 228) contains.

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Color

R_YB(148, 184, 228)

Conversions

Conversions Part 1

Format	Color
Hex	94D5E4
RGB	148, 213, 228
RGB Percent	58%, 84%, 89%
CMY	0.4196, 0.1629, 0.1059
CMYK	0.35, 0.06, 0.00, 0.11
HSL	191°, 60%, 74%
HSV	191°, 35%, 89%
XYZ	50.1251, 59.7148, 82.2830
YIQ	195.2750, -43.5550, -9.1150

Conversions

Conversions Part 2

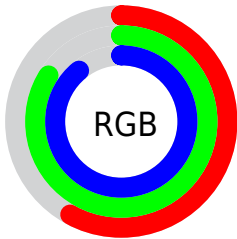
Format	Color
RYB	148, 184, 228
Decimal	9754084
CIELab	81.68, -17.08, -13.75
CIELCh	82, 21.931, 218.835
Yxy	59.7148, 0.2609, 0.3108
Android (android.graphics.Color)	4287944164 (0xFF94D5E4)
YUV	195.2750, 16.1334, -41.4602
Hunter-Lab	77.2754, -19.4469, -9.0394

Details

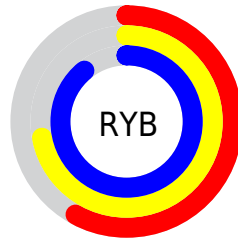
The RYB color **148, 184, 228** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **228, 166, 148**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **204, 230, 255**, and **93, 129, 173** is the 20% darker color. If you saturate the color by 10%, you get **125, 171, 228**, and if you desaturate by 10%, it is **171, 197, 228**.

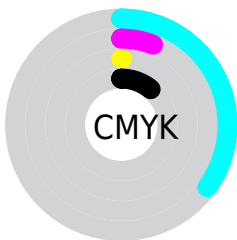
Distribution



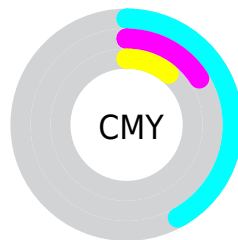
- Red (58%)
- Green (84%)
- Blue (89%)



- Red (58%)
- Yellow (72%)
- Blue (89%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 184, 228 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 148, 184, 228 by changing the saturation by 10% instead.


 148, 184, 228


255, 255, 255

 204, 230, 255

 233, 244, 255

 148, 184, 228


 121, 157, 200

 93, 129, 173

 66, 102, 146

 37, 75, 120

 0, 45, 96

 0, 32, 72

 0, 21, 49


 0, 9, 29


 0, 0, 0

 148, 184, 228


 148, 184, 228

 125, 171, 228


 171, 197, 228

 102, 159, 228


 194, 209, 228

 80, 147, 228


 216, 221, 228

 57, 134, 228

 239, 230, 228

 34, 121, 228

 255, 236, 228

 11, 109, 228

 255, 244, 228

 0, 103, 228

 253, 255, 228

 239, 255, 228

 233, 255, 228

Harmonies

Analogous

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



151, 185, 215



148, 184, 228



162, 191, 241

Triad

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



148, 184, 228



235, 190, 218



173, 213, 162

Complementary

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



148, 184, 228



228, 166, 148

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.



232, 226, 165



148, 184, 228



245, 189, 198

Square

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



148, 184, 228



214, 196, 235



244, 194, 178



171, 210, 192

Rectangle

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



148, 184, 228



178, 197, 244



244, 194, 178



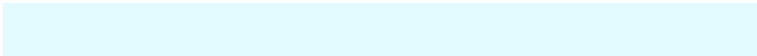
190, 220, 162

Sweetspot

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



148, 184, 228



227, 240, 255



148, 217, 228



111, 118, 128



0, 0, 0



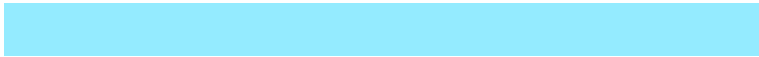
128, 128, 128

Same Dimension

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



148, 184, 228



148, 196, 255



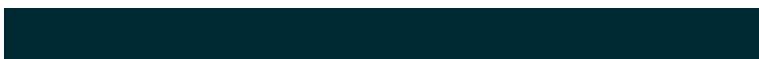
148, 168, 228



103, 108, 115



0, 80, 179



0, 23, 51

Inverse Universe

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



228, 148, 213



255, 148, 236



189, 228, 148



115, 103, 113



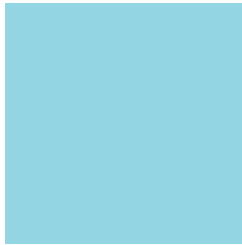
179, 0, 146



51, 0, 42

Previews

White Background



This preview shows how the RYB color 148, 184, 228 looks on a white background.

Color Contrast Check

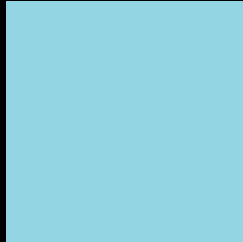
Large Text (above 18pt) WCAG AA × Fail

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 148, 184, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

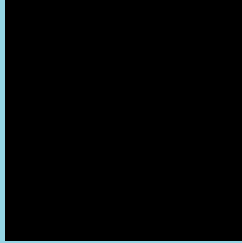
Any Text WCAG AA ✓ Pass

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 148, 184, 228 Background



This preview shows how black text looks on a background with the RYB color 148, 184, 228.

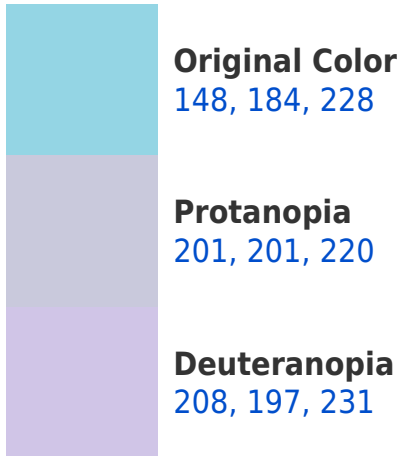


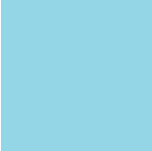
This preview shows how white text looks on a background with the RYB color 148, 184, 228.

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





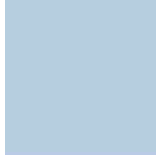
Tritanopia
149, 185, 230

Trichromacy



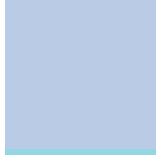
Original Color

148, 184, 228



Protanomaly

182, 197, 223



Deuteranomaly

186, 198, 230



Tritanomaly

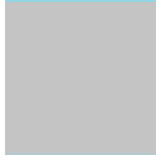
149, 185, 229

Monochromacy



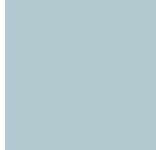
Original Color

148, 184, 228



Achromatopsia

196, 196, 196



Achromatomaly

179, 192, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 184, 228 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(148, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(148, 213, 228)  
}
```

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(148, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 213, 228) }
```

Border

The CSS property to change the border of an element to RYB 148, 184, 228 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(148, 213, 228) }
```

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

```
.border{ border-color:rgb(148, 213, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(148, 213,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 148, 184, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 213, 228) }
```

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

```
.background{ background-color: rgb(148,  
213, 228) }
```

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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