

Converting Colors

`RYB(182, 210, 218)`

Have a look what the booklet for
RYB(182, 210, 218) contains.

RYB(182, 210, 218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(182, 210, 218)

Conversions

Conversions Part 1

Format	Color
Hex	B6DAC0
RGB	182, 218, 192
RGB Percent	71%, 85%, 75%
CMY	0.2863, 0.1451, 0.2459
CMYK	0.17, 0.00, 0.12, 0.15
HSL	137°, 33%, 78%
HSV	137°, 17%, 85%
XYZ	53.9089, 63.9063, 59.5292
YIQ	204.2720, -13.1100, -15.7180

Conversions

Conversions Part 2

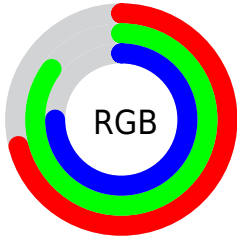
Format	Color
R _Y B	182, 210, 218
Decimal	11983552
CIE Lab	83.92, -16.79, 8.73
CIE LCh	84, 18.928, 152.527
Yxy	63.9063, 0.3040, 0.3604
Android (android.graphics.Color)	4290173632 (0xFFB6DAC0)
YUV	204.2720, -6.0501, -19.5325
Hunter-Lab	79.9414, -19.5251, 11.8081

Details

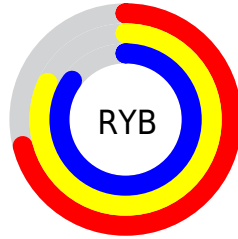
The RYB color **182, 210, 218** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **218, 182, 208**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **238, 249, 255**, and **129, 155, 163** is the 20% darker color. If you saturate the color by 10%, you get **160, 205, 218**, and if you desaturate by 10%, it is **204, 215, 218**.

Distribution



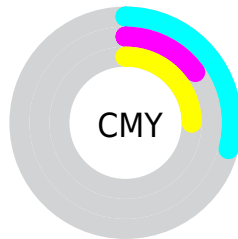
- Red (71%)
- Green (85%)
- Blue (75%)



- Red (71%)
- Yellow (82%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 210, 218 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 182, 210, 218 by changing the saturation by 10% instead.

 182, 210, 218

255, 255, 255


 238, 248, 255

 182, 210, 218


 155, 182, 190

 129, 155, 163

 103, 129, 137

 79, 103, 111

 55, 79, 87

 33, 56, 63

 10, 32, 41

 0, 22, 22

 0, 0, 0

 182, 210, 218


 182, 210, 218

 160, 205, 218


 204, 215, 218

 138, 200, 218


 226, 218, 223


 117, 195, 218


 247, 218, 239

 95, 191, 218

 255, 218, 255

 73, 186, 218

 51, 181, 218

 29, 176, 218

 8, 171, 218

 0, 170, 218

Harmonies

Analogous

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



179, 214, 191



182, 210, 218



167, 196, 220

Triad

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



182, 210, 218



191, 205, 245



246, 199, 191

Complementary

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



182, 210, 218



218, 182, 208

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.



245, 197, 208



182, 210, 218



215, 204, 239

Square

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



182, 210, 218



172, 199, 240



234, 199, 226



238, 221, 178

Rectangle

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



182, 210, 218



162, 191, 222



234, 199, 226



247, 197, 196

Sweetspot

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



182, 210, 218



242, 252, 255



182, 218, 192



120, 126, 128



0, 0, 0



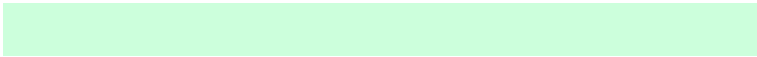
128, 128, 128

Same Dimension

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



182, 210, 218



204, 243, 255



182, 202, 218



99, 108, 110



0, 134, 173



0, 36, 46

Inverse Universe

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



218, 182, 208



255, 204, 240



218, 182, 190



110, 99, 107



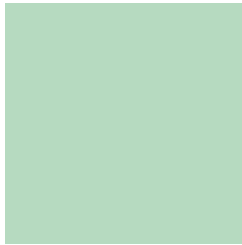
173, 0, 124



46, 0, 33

Previews

White Background



This preview shows how the RYB color 182, 210, 218 looks on a white background.

Color Contrast Check

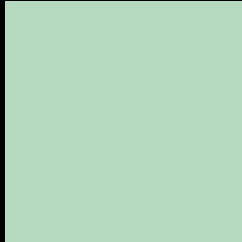
Large Text (above 18pt) WCAG AA × Fail

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 182, 210, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

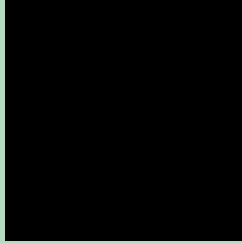
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

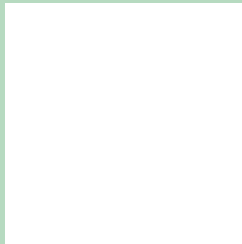
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R/Y/B 182, 210, 218 Background



This preview shows how black text looks on a background with the R/Y/B color 182, 210, 218.



This preview shows how white text looks on a background with the R/Y/B color 182, 210, 218.

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
188, 204, 230

Trichromacy



Original Color
182, 210, 218

Protanomaly
189, 212, 196

Deuteranomaly
206, 215, 195

Tritanomaly
186, 201, 216

Monochromacy



Original Color
182, 210, 218

Achromatopsia
204, 204, 204

Achromatomaly
196, 206, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 210, 218 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(182, 218, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 218, 192)  
}
```

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(182, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 218, 192) }
```

Border

The CSS property to change the border of an element to RYB 182, 210, 218 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(182, 218, 192) }
```

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

```
.border{ border-color:rgb(182, 218, 192) }
```

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

Here you see how a box with a 4 pixel rgb(182, 218, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 218, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 218, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 218,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 182, 210, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 218, 192) }
```

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

```
.background{ background-color: rgb(182,  
218, 192) }
```

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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