

Converting Colors

`RYB(190, 224, 235)`

Have a look what the booklet for
RYB(190, 224, 235) contains.

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Color

R_YB(190, 224, 235)

Conversions

Conversions Part 1

Format	Color
Hex	BEEBCD
RGB	190, 235, 205
RGB Percent	75%, 92%, 80%
CMY	0.2549, 0.0784, 0.1978
CMYK	0.19, 0.00, 0.13, 0.08
HSL	139°, 53%, 83%
HSV	139°, 19%, 92%
XYZ	61.9098, 74.7503, 68.6440
YIQ	218.1250, -17.1900, -18.8700

Conversions

Conversions Part 2

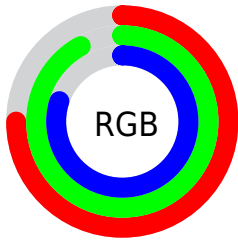
Format	Color
RYB	190, 224, 235
Decimal	12512205
CIELab	89.28, -20.35, 10.02
CIElCh	89, 22.686, 153.794
Yxy	74.7503, 0.3016, 0.3641
Android (android.graphics.Color)	4290702285 (0xFFBEEBCD)
YUV	218.1250, -6.4706, -24.6656
Hunter-Lab	86.4583, -23.4843, 13.4471

Details

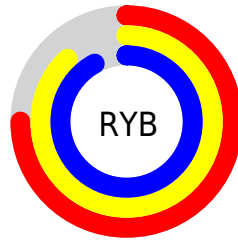
The RYB color **190, 224, 235** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 190, 220**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **247, 251, 255**, and **136, 168, 179** is the 20% darker color. If you saturate the color by 10%, you get **167, 218, 235**, and if you desaturate by 10%, it is **214, 230, 235**.

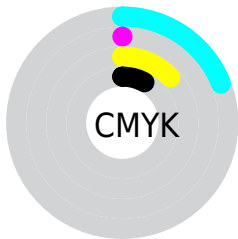
Distribution



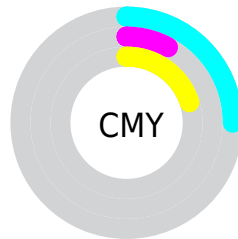
- Red (75%)
- Green (92%)
- Blue (80%)



- Red (75%)
- Yellow (88%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (25%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 224, 235 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 190, 224, 235 by changing the saturation by 10% instead.


 190, 224, 235


255, 255, 255


 247, 251, 255


 190, 224, 235

 163, 196, 207

 136, 168, 179

 110, 141, 152

 85, 115, 126

 61, 90, 101

 37, 66, 77

 13, 41, 54

 0, 27, 33

 0, 0, 0

 190, 224, 235

 190, 224, 235

 167, 218, 235

 214, 230, 235

 143, 212, 235


 237, 235, 236


 120, 207, 235


 255, 235, 252

 96, 201, 235

 255, 235, 255

 73, 196, 235

 49, 190, 235

 25, 184, 235

 2, 178, 235

 0, 178, 235

Harmonies

Analogous

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



188, 230, 204



190, 224, 235



171, 207, 237

Triad

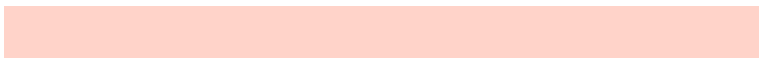
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190, 224, 235



203, 218, 255



255, 213, 201

Complementary

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



190, 224, 235



235, 190, 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, 209, 222



190, 224, 235



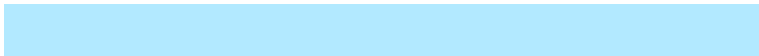
232, 218, 255

Square

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



190, 224, 235



178, 210, 255



255, 212, 244



255, 242, 186

Rectangle

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



190, 224, 235



166, 202, 241



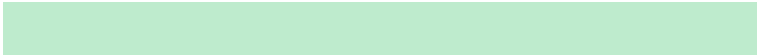
255, 212, 244



255, 210, 208

Sweetspot

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



190, 224, 235



240, 251, 255



190, 235, 204



119, 126, 128



0, 0, 0



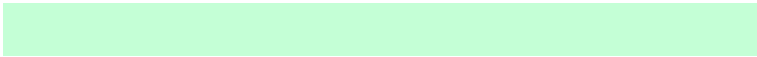
128, 128, 128

Same Dimension

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



190, 224, 235



196, 241, 255



190, 215, 235



106, 115, 117



0, 137, 181



0, 41, 54

Inverse Universe

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



235, 190, 220



255, 196, 236



235, 190, 198



117, 106, 114



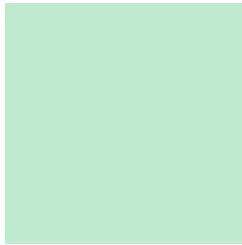
181, 0, 122



54, 0, 36

Previews

White Background



This preview shows how the RYB color 190, 224, 235 looks on a white background.

Color Contrast Check

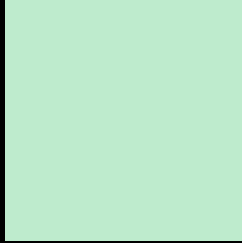
Large Text (above 18pt) WCAG AA × Fail

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 190, 224, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

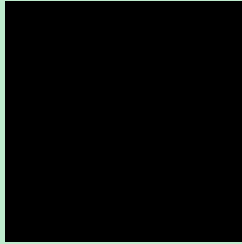
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

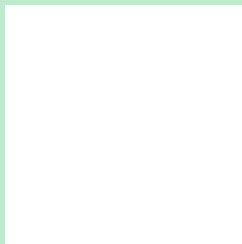
Any Text WCAG AAA ✓ Pass

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

RYB 190, 224, 235 Background



This preview shows how black text looks on a background with the RYB color 190, 224, 235.

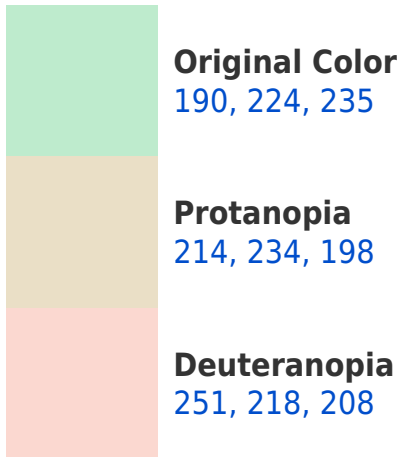


This preview shows how white text looks on a background with the RYB color 190, 224, 235.

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](#).

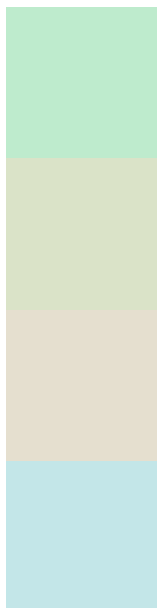
Dichromacy





Tritanopia
198, 217, 247

Trichromacy



Original Color

190, 224, 235

Protanomaly

200, 227, 209

Deuteranomaly

215, 229, 207

Tritanomaly

195, 213, 232

Monochromacy



Original Color

190, 224, 235

Achromatopsia

218, 218, 218

Achromatomaly

208, 220, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 224, 235 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(190, 235, 205)` looks like.

```
.text, #text, p{  
    color:rgb(190, 235, 205)  
}
```

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(190, 235, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 235, 205) }
```

Border

The CSS property to change the border of an element to RYB 190, 224, 235 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(190, 235, 205) }
```

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

```
.border{ border-color:rgb(190, 235, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 235, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 235, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 235, 205);  
box-shadow:4px 4px 4px 4px rgb(190, 235,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 190, 224, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 235, 205) }
```

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

```
.background{ background-color: rgb(190,  
235, 205) }
```

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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