

Converting Colors

RYB(200, 215, 226)

Have a look what the booklet for RYB(200, 215, 226) contains.

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Color

R_YB(200, 215, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C8E2DB
RGB	200, 226, 219
RGB Percent	78%, 89%, 86%
CMY	0.2157, 0.1137, 0.1409
CMYK	0.12, 0.00, 0.03, 0.11
HSL	164°, 31%, 84%
HSV	164°, 12%, 89%
XYZ	63.8107, 71.7901, 77.5575
YIQ	217.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

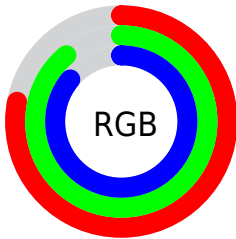
Format	Color
R_{YB}	200, 215, 226
Decimal	13165275
CIE Lab	87.87, -9.89, 0.47
CIE LCh	88, 9.903, 177.298
Yxy	71.7901, 0.2994, 0.3368
Android (android.graphics.Color)	4291355355 (0xFFC8E2DB)
YUV	217.4280, 0.7750, -15.2844
Hunter-Lab	84.7290, -13.8447, 5.0386

Details

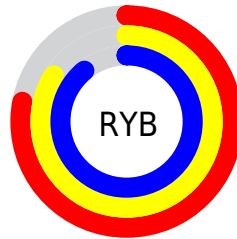
The RYB color **200, 215, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 200, 207**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 161, 171** is the 20% darker color. If you saturate the color by 10%, you get **177, 205, 226**, and if you desaturate by 10%, it is **223, 225, 226**.

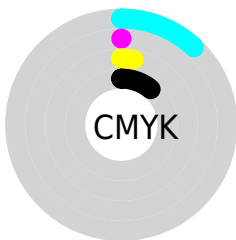
Distribution



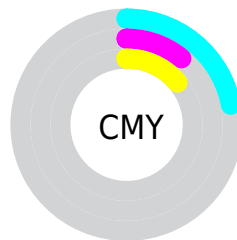
- Red (78%)
- Green (89%)
- Blue (86%)



- Red (78%)
- Yellow (84%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 215, 226 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 200, 215, 226 by changing the saturation by 10% instead.

■ 200, 215, 226

255, 255, 255

■ 200, 215, 226

■ 173, 188, 198

■ 146, 161, 171

■ 120, 134, 144

■ 95, 108, 118

■ 71, 84, 94

■ 48, 60, 70

■ 27, 39, 48

■ 3, 16, 27

■ 0, 0, 0

 200, 215, 226


 200, 215, 226

 177, 205, 226


 223, 225, 226

 155, 196, 226


 245, 226, 231

 132, 186, 226


 255, 226, 237

 110, 177, 226


 255, 226, 243


 87, 167, 226


 255, 226, 249

 64, 157, 226

 255, 226, 255

 42, 148, 226

 19, 138, 226

 0, 130, 226

Harmonies

Analogous

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



208, 223, 225



200, 215, 226



197, 212, 229

Triad

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



200, 215, 226



221, 218, 237



237, 222, 205

Complementary

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



200, 215, 226



226, 200, 207

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.



241, 214, 212



200, 215, 226



232, 216, 231

Square

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



200, 215, 226



210, 218, 239



239, 214, 222



218, 229, 202

Rectangle

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



200, 215, 226



199, 214, 234



239, 214, 222



239, 220, 207

Sweetspot

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



200, 215, 226



247, 252, 255



200, 226, 219



122, 126, 128



0, 0, 0



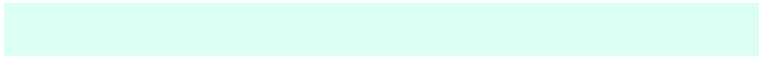
128, 128, 128

Same Dimension

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



200, 215, 226



219, 240, 255



200, 211, 226



101, 107, 112



0, 102, 176



0, 27, 48

Inverse Universe

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



226, 200, 207



255, 219, 229



226, 208, 200



112, 101, 104



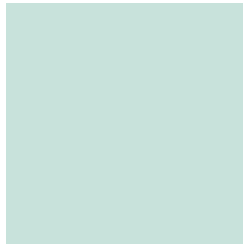
176, 0, 47



48, 0, 13

Previews

White Background



This preview shows how the RYB color 200, 215, 226 looks on a white background.

Color Contrast Check

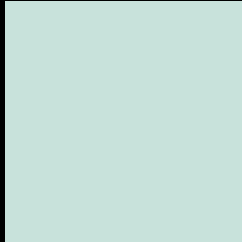
Large Text (above 18pt) WCAG AA × Fail

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 200, 215, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

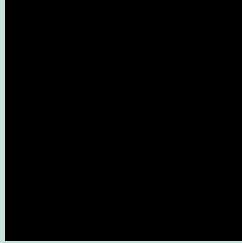
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

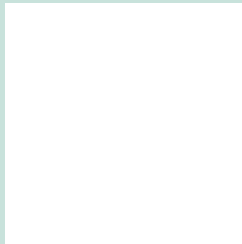
Any Text WCAG AAA ✓ Pass

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

R Y B 200, 215, 226 Background



This preview shows how black text looks on a background with the R Y B color 200, 215, 226.



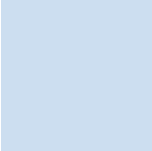
This preview shows how white text looks on a background with the R Y B color 200, 215, 226.

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](#).

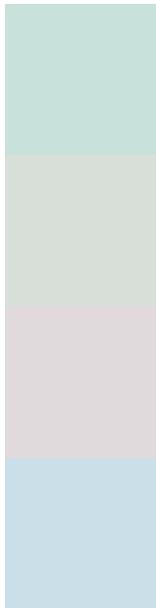
Dichromacy





Tritanopia
204, 216, 240

Trichromacy



Original Color

200, 215, 226

Protanomaly

216, 222, 222

Deuteranomaly

225, 218, 221

Tritanomaly

203, 215, 232

Monochromacy



Original Color

200, 215, 226

Achromatopsia

217, 217, 217

Achromatomaly

211, 216, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 215, 226 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(200, 226, 219)` looks like.

```
.text, #text, p{  
    color:rgb(200, 226, 219)  
}
```

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(200, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 226, 219) }
```

Border

The CSS property to change the border of an element to RYB 200, 215, 226 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(200, 226, 219) }
```

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

```
.border{ border-color:rgb(200, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(200, 226,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 200, 215, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 226, 219) }
```

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

```
.background{ background-color: rgb(200,  
226, 219) }
```

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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