

Converting Colors

`RYB(209, 227, 220)`

Have a look what the booklet for
RYB(209, 227, 220) contains.

RYB(209, 227, 220)	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(209, 227, 220)

Conversions

Conversions Part 1

Format	Color
Hex	D8E3D1
RGB	216, 227, 209
RGB Percent	85%, 89%, 82%
CMY	0.1529, 0.1098, 0.1804
CMYK	0.05, 0.00, 0.08, 0.11
HSL	97°, 24%, 85%
HSV	97°, 8%, 89%
XYZ	67.2966, 74.1405, 71.0852
YIQ	221.6590, -0.7780, -7.9300

Conversions

Conversions Part 2

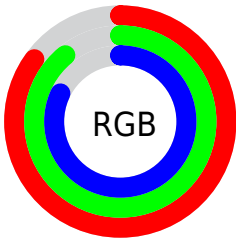
Format	Color
R _Y B	209, 227, 220
Decimal	14214097
CIE Lab	88.99, -6.89, 7.51
CIE LCh	89, 10.197, 132.537
Yxy	74.1405, 0.3167, 0.3489
Android (android.graphics.Color)	4292404177 (0xFFD8E3D1)
YUV	221.6590, -6.2409, -4.9629
Hunter-Lab	86.1049, -11.1742, 11.3257

Details

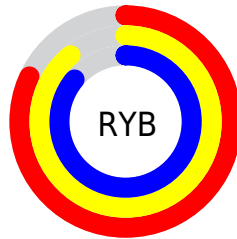
The RYB color **209, 227, 220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **220, 209, 227**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 172, 166** is the 20% darker color. If you saturate the color by 10%, you get **186, 227, 211**, and if you desaturate by 10%, it is **230, 227, 232**.

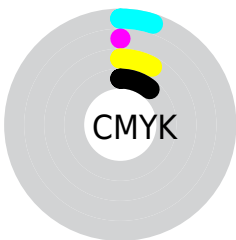
Distribution



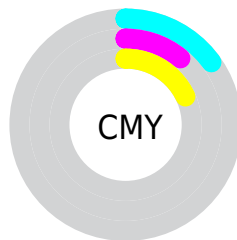
- Red (85%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 227, 220 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 209, 227, 220 by changing the saturation by 10% instead.

■ 209, 227, 220

255, 255, 255

■ 209, 227, 220

■ 181, 199, 192

■ 155, 172, 166

■ 129, 145, 139

■ 104, 119, 113

■ 79, 95, 89

■ 57, 71, 66

■ 35, 49, 44

■ 14, 28, 22

■ 0, 0, 0

 209, 227, 220

 209, 227, 220

 186, 227, 211

 230, 227, 232

 164, 227, 203

 244, 227, 254

 141, 227, 194

 255, 227, 255

 118, 227, 184

 96, 227, 176

 73, 227, 167

 50, 227, 158

 27, 227, 149

 5, 227, 141

Harmonies

Analogous

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



208, 227, 205



209, 227, 220



206, 222, 229

Triad

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



209, 227, 220



207, 219, 242



245, 217, 220

Complementary

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



209, 227, 220



220, 209, 227

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.



240, 218, 230



209, 227, 220



219, 222, 242

Square

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



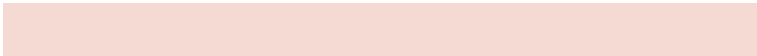
209, 227, 220



201, 216, 236



230, 220, 238



244, 220, 211

Rectangle

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



209, 227, 220



202, 217, 229



230, 220, 238



244, 217, 223

Sweetspot

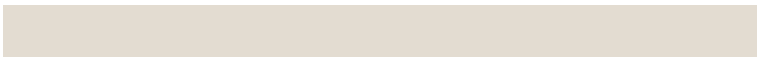
The Sweet Spot groups the original color and five complimentary colors.



209, 227, 220



250, 255, 253



220, 227, 209



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



209, 227, 220



230, 255, 246



209, 225, 227



103, 115, 110



0, 179, 110



0, 51, 31

Inverse Universe

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



220, 209, 227



245, 230, 255



227, 209, 225



110, 103, 115



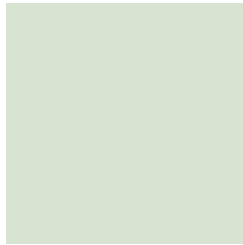
109, 0, 179



31, 0, 51

Previews

White Background



This preview shows how the RYB color 209, 227, 220 looks on a white background.

Color Contrast Check

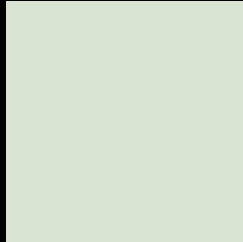
Large Text (above 18pt) WCAG AA × Fail

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 209, 227, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

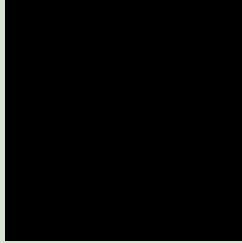
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

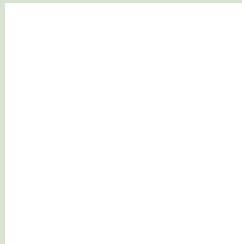
Any Text WCAG AAA ✓ Pass

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

RYB 209, 227, 220 Background



This preview shows how black text looks on a background with the RYB color 209, 227, 220.



This preview shows how white text looks on a background with the RYB color 209, 227, 220.

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
221, 222, 240

Trichromacy



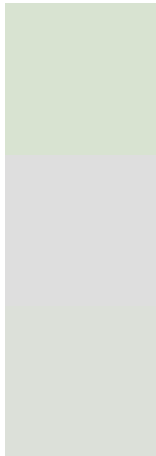
Original Color
209, 227, 220

Protanomaly
210, 226, 208

Deuteranomaly
237, 226, 210

Tritanomaly
219, 222, 229

Monochromacy



Original Color
209, 227, 220

Achromatopsia
222, 222, 222

Achromatomaly
217, 224, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 227, 220 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(216, 227, 209)` looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 209)  
}
```

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(216, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 209) }
```

Border

The CSS property to change the border of an element to RYB 209, 227, 220 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(216, 227, 209) }
```

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

```
.border{ border-color:rgb(216, 227, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 227, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(216, 227,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 209, 227, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 209) }
```

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

```
.background{ background-color: rgb(216,  
227, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor