

Converting Colors

`RYB(214, 224, 226)`

Have a look what the booklet for
RYB(214, 224, 226) contains.

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Color

R_YB(214, 224, 226)

Conversions

Conversions Part 1

Format	Color
Hex	D6E2D8
RGB	214, 226, 216
RGB Percent	84%, 89%, 85%
CMY	0.1608, 0.1137, 0.1514
CMYK	0.05, 0.00, 0.04, 0.11
HSL	132°, 17%, 86%
HSV	132°, 5%, 89%
XYZ	67.3744, 73.6674, 75.9054
YIQ	221.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

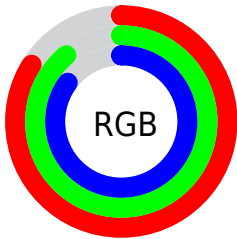
Format	Color
RYB	214, 224, 226
Decimal	14082776
CIELab	88.77, -5.76, 3.29
CIELCh	89, 6.632, 150.243
Yxy	73.6674, 0.3106, 0.3396
Android (android.graphics.Color)	4292272856 (0xFFD6E2D8)
YUV	221.2720, -2.5991, -6.3775
Hunter-Lab	85.8297, -10.0836, 7.6464

Details

The RYB color **214, 224, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 214, 224**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 169, 171** is the 20% darker color. If you saturate the color by 10%, you get **191, 220, 226**, and if you desaturate by 10%, it is **237, 226, 234**.

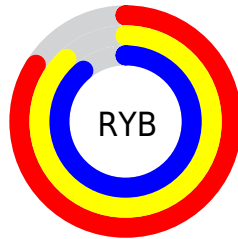
Distribution



Red (84%)

Green (89%)

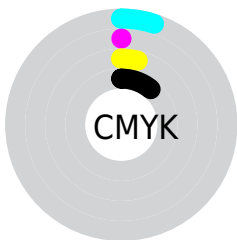
Blue (85%)



Red (84%)

Yellow (88%)

Blue (89%)

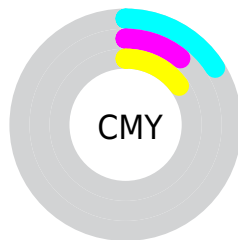


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 224, 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 214, 224, 226 by changing the saturation by 10% instead.

 214, 224, 226

255, 255, 255

 214, 224, 226

 186, 196, 198

 159, 169, 171

 133, 142, 144

 108, 117, 119

 84, 92, 94

 60, 68, 70

 39, 46, 48

 18, 25, 27

 0, 0, 0

 214, 224, 226

 214, 224, 226

 191, 220, 226

 237, 226, 234


 169, 217, 226

 255, 226, 253


 146, 213, 226


 255, 226, 255


 124, 209, 226

 101, 205, 226

 78, 201, 226

 56, 198, 226

 33, 194, 226

 11, 190, 226

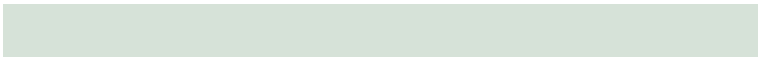
Harmonies

Analogous

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



212, 224, 215



214, 224, 226



209, 219, 227

Triad

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



214, 224, 226



217, 222, 235



237, 219, 217

Complementary

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



214, 224, 226



226, 214, 224

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.



236, 219, 223



214, 224, 226



224, 221, 234

Square

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



214, 224, 226



211, 220, 234



231, 220, 229



234, 225, 212

Rectangle

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



214, 224, 226



208, 218, 227



231, 220, 229



237, 219, 219

Sweetspot

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



214, 224, 226



250, 254, 255



214, 226, 216



125, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 224, 226



240, 253, 255



214, 221, 226



104, 110, 112



0, 147, 176



0, 40, 48

Inverse Universe

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



226, 214, 224



255, 240, 252



226, 214, 218



112, 104, 111



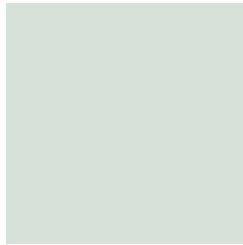
176, 0, 141



48, 0, 39

Previews

White Background



This preview shows how the RYB color 214, 224, 226 looks on a white background.

Color Contrast Check

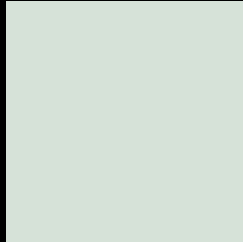
Large Text (above 18pt) WCAG AA × Fail

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 214, 224, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

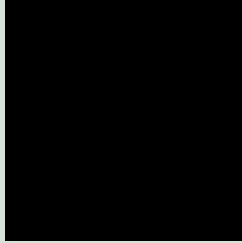
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

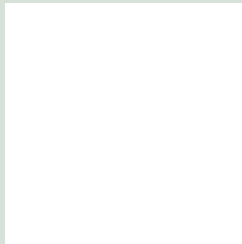
Any Text WCAG AAA ✓ Pass

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

RYB 214, 224, 226 Background



This preview shows how black text looks on a background with the RYB color 214, 224, 226.



This preview shows how white text looks on a background with the RYB color 214, 224, 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](#).

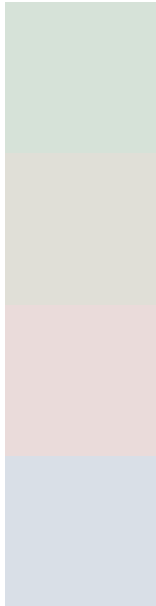
Dichromacy





Tritanopia
218, 221, 240

Trichromacy



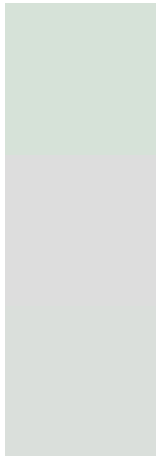
Original Color
214, 224, 226

Protanomaly
216, 224, 215

Deuteranomaly
234, 219, 218

Tritanomaly
217, 221, 231

Monochromacy



Original Color
214, 224, 226

Achromatopsia
221, 221, 221

Achromatomaly
218, 222, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 224, 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(214, 226, 216)` looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 216)  
}
```

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(214, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 216) }
```

Border

The CSS property to change the border of an element to RYB 214, 224, 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(214, 226, 216) }
```

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

```
.border{ border-color:rgb(214, 226, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 214, 224, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 216) }
```

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

```
.background{ background-color: rgb(214,  
226, 216) }
```

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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