

Converting Colors

RGB(215, 235, 242)

Have a look what the booklet for
RGB(215, 235, 242) contains.

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Color

RGB(215, 235, 242)

Conversions

Conversions Part 1

Format	Color
Hex	D7EBF2
RGB	215, 235, 242
RGB Percent	84%, 92%, 95%
CMY	0.1569, 0.0784, 0.0510
CMYK	0.11, 0.03, 0.00, 0.05
HSL	196°, 51%, 90%
HSV	196°, 11%, 95%
XYZ	73.7597, 80.2745, 95.6114
YIQ	229.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

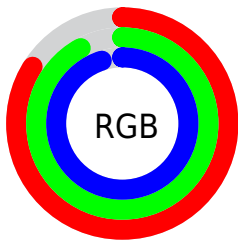
Format	Color
R _Y B	215, 226, 242
Decimal	14150642
CIE Lab	91.81, -5.21, -5.64
CIE LCh	92, 7.683, 227.275
Yxy	80.2745, 0.2955, 0.3216
Android (android.graphics.Color)	4292340722 (0xFFD7EBF2)
YUV	229.8180, 6.0057, -12.9954
Hunter-Lab	89.5961, -9.8435, -0.5534

Details

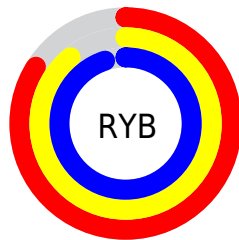
The RGB color **215, 235, 242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **242, 222, 215**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **160, 179, 186** is the 20% darker color. If you saturate the color by 10%, you get **191, 229, 242**, and if you desaturate by 10%, it is **239, 241, 242**.

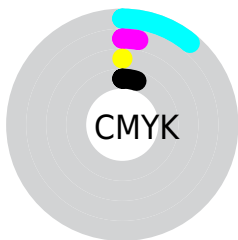
Distribution



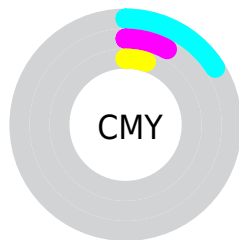
- Red (84%)
- Green (92%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 235, 242 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 RGB color 215, 235, 242 by changing the saturation by 10% instead.

■ 215, 235, 242

255, 255, 255

■ 215, 235, 242

■ 187, 207, 214

■ 160, 179, 186

■ 134, 153, 159

■ 108, 127, 133

■ 84, 102, 108

■ 60, 78, 83

■ 38, 55, 60

■ 17, 34, 39

■ 0, 11, 18

 215, 235, 242

 215, 235, 242

 191, 229, 242

 239, 241, 242

 167, 222, 242

 255, 248, 242


 142, 216, 242


 255, 254, 242


 118, 210, 242

 255, 255, 242

 94, 204, 242

 70, 197, 242

 46, 191, 242

 21, 185, 242

 0, 179, 242

Harmonies

Analogous

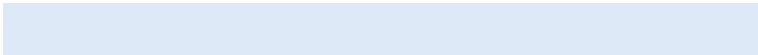
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 236, 236



215, 235, 242



221, 233, 246

Triad

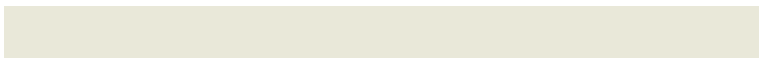
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 235, 242



245, 227, 235



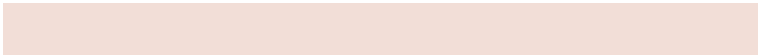
233, 232, 217

Complementary

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



215, 235, 242



242, 222, 215

Split Complementary

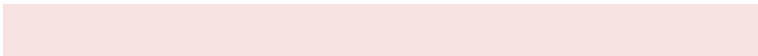
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 230, 217



215, 235, 242



248, 227, 227

Square

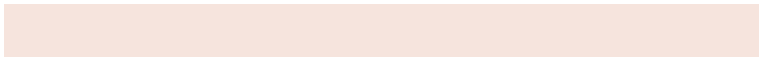
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



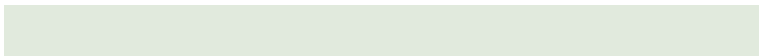
215, 235, 242



238, 228, 242



246, 228, 221



225, 234, 221

Rectangle

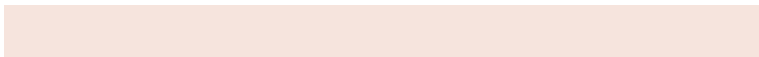
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



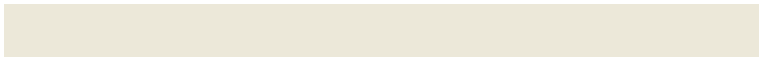
215, 235, 242



226, 231, 246



246, 228, 221



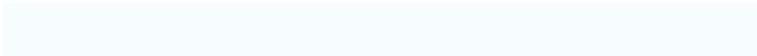
236, 232, 217

Sweetspot

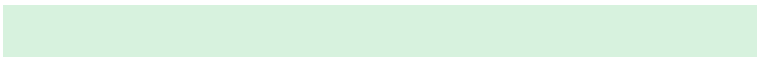
The Sweet Spot groups the original color and five complimentary colors.



215, 235, 242



247, 253, 255



215, 242, 222



122, 126, 128



0, 0, 0



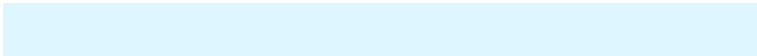
128, 128, 128

Same Dimension

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



215, 235, 242



222, 246, 255



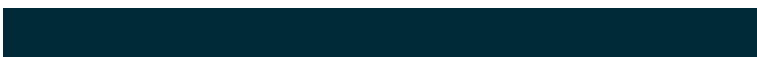
215, 222, 242



108, 117, 120



0, 136, 184



0, 42, 56

Inverse Universe

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



242, 215, 235



255, 222, 246



242, 235, 215



120, 108, 117



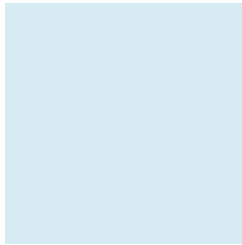
184, 0, 136



56, 0, 42

Previews

White Background



This preview shows how the RGB color 215, 235, 242 looks on a white background.

Color Contrast Check

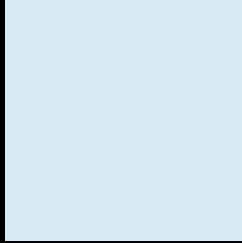
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 215, 235, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

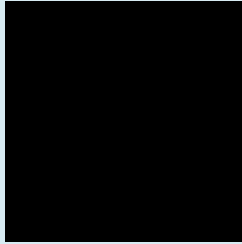
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

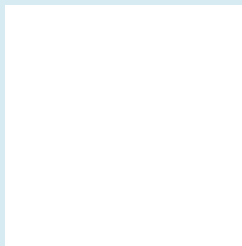
Any Text WCAG AAA ✓ Pass

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

RGB 215, 235, 242 Background



This preview shows how black text looks on a background with the RGB color 215, 235, 242.



This preview shows how white text looks on a background with the RGB color 215, 235, 242.

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](#).

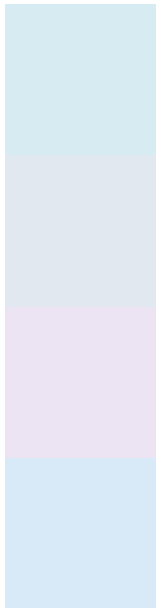
Dichromacy





Tritanopia
217, 233, 252

Trichromacy



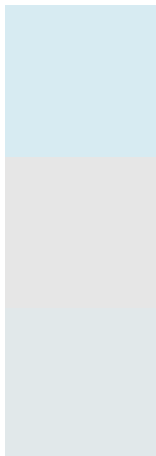
Original Color
215, 235, 242

Protanomaly
226, 232, 240

Deuteranomaly
236, 228, 243

Tritanomaly
216, 234, 248

Monochromacy



Original Color
215, 235, 242

Achromatopsia
230, 230, 230

Achromatomaly
225, 232, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 235, 242 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(215, 235, 242)` looks like.

```
.text, #text, p{  
    color:rgb(215, 235, 242)  
}
```

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(215, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 235, 242) }
```

Border

The CSS property to change the border of an element to RGB 215, 235, 242 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(215, 235, 242) }
```

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

```
.border{ border-color:rgb(215, 235, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 235, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 235,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 215, 235, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 235, 242) }
```

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

```
.background{ background-color: rgb(215,  
235, 242) }
```

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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