

Converting Colors

RGB(200, 229, 242)

Have a look what the booklet for
RGB(200, 229, 242) contains.

RGB(200, 229, 242)	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

RGB(200, 229, 242)

Conversions

Conversions Part 1

Format	Color
Hex	C8E5F2
RGB	200, 229, 242
RGB Percent	78%, 90%, 95%
CMY	0.2157, 0.1020, 0.0510
CMYK	0.17, 0.05, 0.00, 0.05
HSL	199°, 62%, 87%
HSV	199°, 17%, 95%
XYZ	67.8657, 74.7288, 94.8516
YIQ	221.8110, -21.4570, -2.1050

Conversions

Conversions Part 2

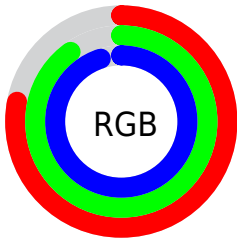
Format	Color
R_{YB}	200, 217, 242
Decimal	13166066
CIE _{Lab}	89.27, -6.83, -9.52
CIE _{LCh}	89, 11.718, 234.318
Yxy	74.7288, 0.2858, 0.3147
Android (android.graphics.Color)	4291356146 (0xFFC8E5F2)
YUV	221.8110, 9.9532, -19.1282
Hunter-Lab	86.4458, -11.1457, -4.5431

Details

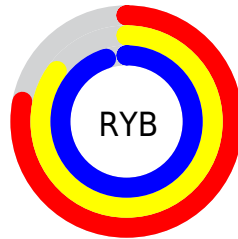
The RGB color **200, 229, 242** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 213, 200**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **146, 174, 186** is the 20% darker color. If you saturate the color by 10%, you get **176, 222, 242**, and if you desaturate by 10%, it is **224, 236, 242**.

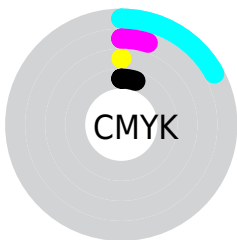
Distribution



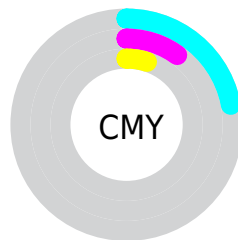
- Red (78%)
- Green (90%)
- Blue (95%)



- Red (78%)
- Yellow (85%)
- Blue (95%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (22%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 229, 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 200, 229, 242 by changing the saturation by 10% instead.

■ 200, 229, 242

255, 255, 255

■ 200, 229, 242

■ 172, 201, 214

■ 146, 174, 186

■ 119, 147, 159

■ 94, 121, 133

■ 70, 96, 108

■ 46, 73, 83

■ 23, 50, 60

■ 1, 29, 39

■ 0, 1, 18

 200, 229, 242

 200, 229, 242

 176, 222, 242

 224, 236, 242

 152, 214, 242


 248, 244, 242


 127, 207, 242


 255, 251, 242

 103, 199, 242

 255, 255, 242

 79, 192, 242

 55, 184, 242

 31, 177, 242

 6, 169, 242

 0, 167, 242

Harmonies

Analogous

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



197, 231, 233



200, 229, 242



210, 226, 246

Triad

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



200, 229, 242



246, 217, 227



224, 226, 204

Complementary

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



200, 229, 242



242, 213, 200

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, 223, 202



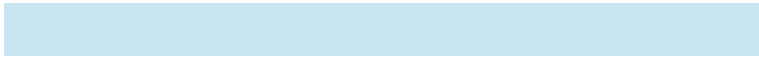
200, 229, 242



249, 217, 216

Square

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



200, 229, 242



237, 219, 237



245, 219, 207



211, 229, 211

Rectangle

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



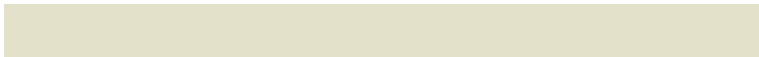
200, 229, 242



219, 223, 246



245, 219, 207



228, 225, 203

Sweetspot

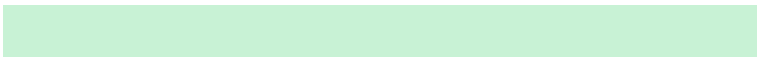
The Sweet Spot groups the original color and five complimentary colors.



200, 229, 242



242, 251, 255



200, 242, 213



120, 125, 128



0, 0, 0



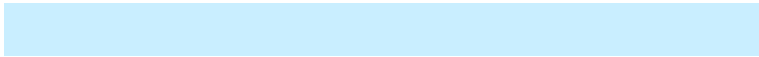
128, 128, 128

Same Dimension

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



200, 229, 242



201, 238, 255



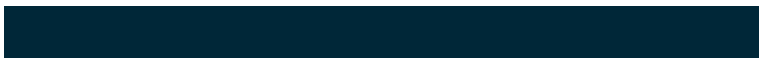
200, 208, 242



108, 116, 120



0, 127, 184



0, 39, 56

Inverse Universe

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



242, 200, 229



255, 201, 238



242, 234, 200



120, 108, 116



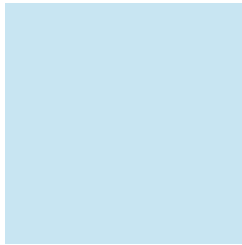
184, 0, 127



56, 0, 39

Previews

White Background



This preview shows how the RGB color 200, 229, 242 looks on a white background.

Color Contrast Check

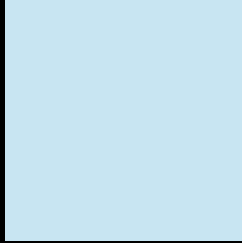
Large Text (above 18pt) WCAG AA × Fail

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 200, 229, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

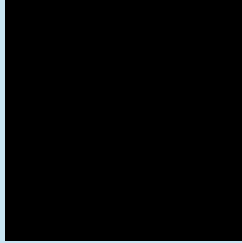
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

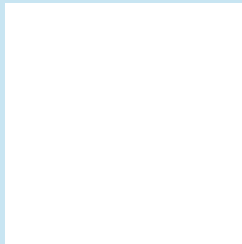
Any Text WCAG AAA ✓ Pass

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

RGB 200, 229, 242 Background



This preview shows how black text looks on a background with the RGB color 200, 229, 242.



This preview shows how white text looks on a background with the RGB color 200, 229, 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
201, 228, 246

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 229, 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(200, 229, 242)` looks like.

```
.text, #text, p{  
    color:rgb(200, 229, 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(200, 229, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 229, 242) }
```

Border

The CSS property to change the border of an element to RGB 200, 229, 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(200, 229, 242) }
```

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

```
.border{ border-color:rgb(200, 229, 242) }
```

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

Here you see how a box with a 4 pixel rgb(200, 229, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 229, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 229, 242);  
box-shadow:4px 4px 4px 4px rgb(200, 229,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 200, 229, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 229, 242) }
```

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

```
.background{ background-color: rgb(200,  
229, 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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