

Converting Colors

RGB(203, 227, 255)

Have a look what the booklet for
RGB(203, 227, 255) contains.

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Color

RGB(203, 227, 255)

Conversions

Conversions Part 1	
Format	Color
Hex	CBE3FF
RGB	203, 227, 255
RGB Percent	80%, 89%, 100%
CMY	0.2039, 0.1098, 0.0000
CMYK	0.20, 0.11, 0.00, 0.00
HSL	212°, 100%, 90%
HSV	212°, 20%, 100%
XYZ	70.1477, 74.8547, 105.3590
YIQ	223.0160, -23.2920, 3.6200

Conversions

Conversions Part 2

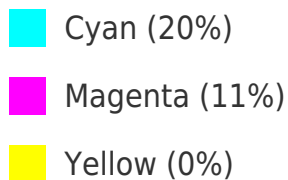
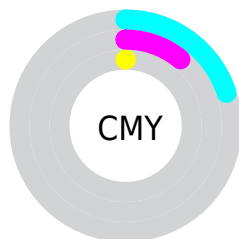
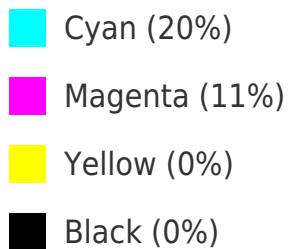
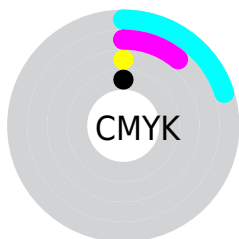
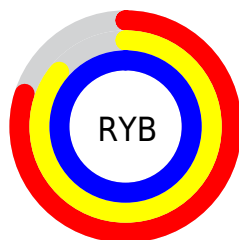
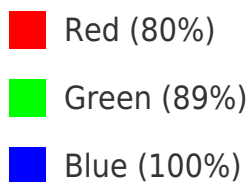
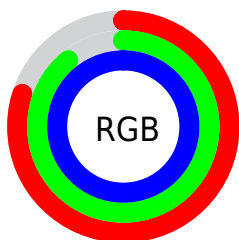
Format	Color
RYB	203, 219, 255
Decimal	13362175
CIELab	89.32, -2.14, -16.22
CIELCh	89, 16.364, 262.500
Yxy	74.8547, 0.2802, 0.2990
Android (android.graphics.Color)	4291552255 (0xFFCBE3FF)
YUV	223.0160, 15.7681, -17.5540
Hunter-Lab	86.5186, -6.6830, -11.6380

Details

The RGB color **203, 227, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **255, 231, 203**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 172, 198** is the 20% darker color. If you saturate the color by 10%, you get **178, 213, 255**, and if you desaturate by 10%, it is **228, 241, 255**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 203, 227, 255 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 203, 227, 255 by changing the saturation by 10% instead.

 203, 227, 255


 203, 227, 255

255, 255, 255


 175, 199, 226

 148, 172, 198

 122, 145, 171

 96, 120, 144

 72, 95, 119

 48, 71, 94

 23, 49, 70

 0, 28, 48

 0, 1, 27

 203, 227, 255

 203, 227, 255

 178, 213, 255


 228, 241, 255


 152, 200, 255


254, 254, 255


 126, 186, 255

255, 255, 255

 101, 172, 255

 75, 158, 255

 50, 145, 255

 24, 131, 255

 0, 118, 255

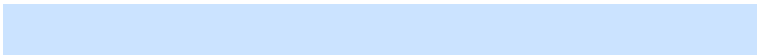
Harmonies

Analogous

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



189, 231, 249



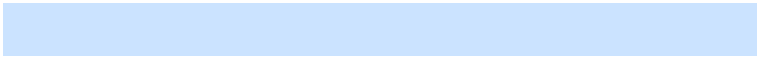
203, 227, 255



223, 222, 253

Triad

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



203, 227, 255



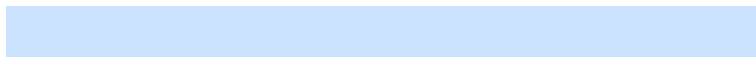
255, 214, 213



206, 231, 205

Complementary

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



203, 227, 255



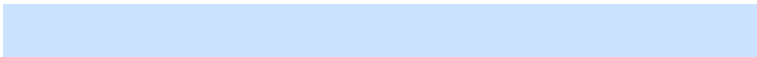
255, 231, 203

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.



224, 227, 196



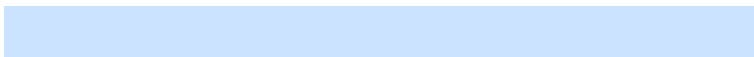
203, 227, 255



253, 217, 200

Square

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



203, 227, 255



254, 214, 229



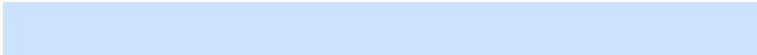
241, 222, 194



192, 233, 220

Rectangle

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



203, 227, 255



235, 218, 248



241, 222, 194



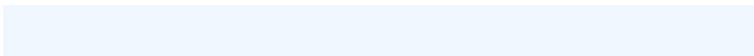
212, 230, 201

Sweetspot

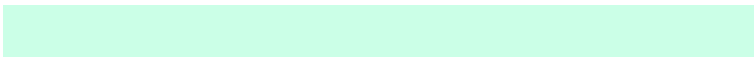
The Sweet Spot groups the original color and five complimentary colors.



203, 227, 255



240, 247, 255



203, 255, 231



119, 123, 128



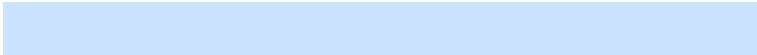
0, 0, 0



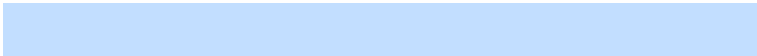
128, 128, 128

Same Dimension

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



203, 227, 255



194, 222, 255



205, 203, 255



115, 121, 128



0, 88, 191



0, 29, 64

Inverse Universe

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



255, 203, 227



255, 194, 222



253, 255, 203



128, 115, 121



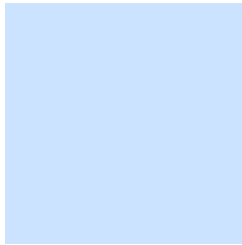
191, 0, 88



64, 0, 29

Previews

White Background



This preview shows how the RGB color 203, 227, 255 looks on a white background.

Color Contrast Check

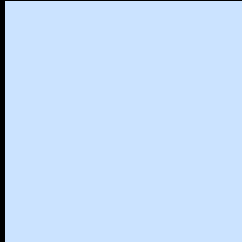
Large Text (above 18pt) WCAG AA × Fail

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 203, 227, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

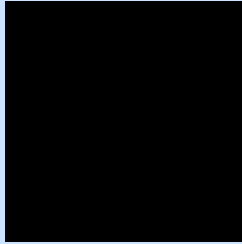
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

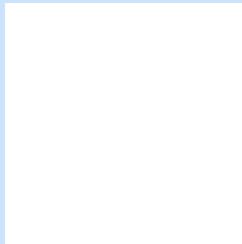
Any Text WCAG AAA ✓ Pass

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

RGB 203, 227, 255 Background



This preview shows how black text looks on a background with the RGB color 203, 227, 255.



This preview shows how white text looks on a background with the RGB color 203, 227, 255.

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



Original Color
203, 227, 255

Protanopia
220, 222, 252

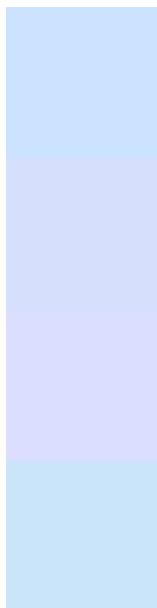
Deuteranopia
230, 219, 255



Tritanopia

201, 228, 247

Trichromacy



Original Color

203, 227, 255

Protanomaly

214, 224, 253

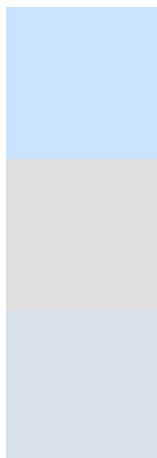
Deuteranomaly

220, 222, 255

Tritanomaly

202, 228, 250

Monochromacy



Original Color

203, 227, 255

Achromatopsia

223, 223, 223

Achromatomaly

216, 224, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 227, 255 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(203, 227, 255) looks like.

```
.text, #text, p{  
    color:rgb(203, 227, 255)  
}
```

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(203, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 227, 255) }
```

Border

The CSS property to change the border of an element to RGB 203, 227, 255 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(203, 227, 255) }
```

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

```
.border{ border-color:rgb(203, 227, 255) }
```

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

Here you see how a box with a 4 pixel rgb(203, 227, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 227,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 203, 227, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 227, 255) }
```

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

```
.background{ background-color: rgb(203,  
227, 255) }
```

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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