

Converting Colors

RGB(204, 230, 238)

Have a look what the booklet for
RGB(204, 230, 238) contains.

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Color

RGB(204, 230, 238)

Conversions

Conversions Part 1

Format	Color
Hex	CCE6EE
RGB	204, 230, 238
RGB Percent	80%, 90%, 93%
CMY	0.2000, 0.0980, 0.0667
CMYK	0.14, 0.03, 0.00, 0.07
HSL	194°, 50%, 87%
HSV	194°, 14%, 93%
XYZ	68.6313, 75.6040, 91.8647
YIQ	223.1380, -18.0640, -3.0240

Conversions

Conversions Part 2

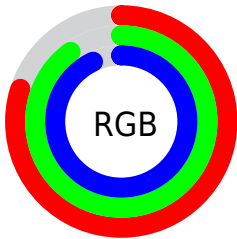
Format	Color
RYB	204, 219, 238
Decimal	13428462
CIELab	89.68, -6.93, -6.79
CIElCh	90, 9.696, 224.417
Yxy	75.6040, 0.2907, 0.3202
Android (android.graphics.Color)	4291618542 (0xFFCCE6EE)
YUV	223.1380, 7.3270, -16.7840
Hunter-Lab	86.9506, -11.2711, -1.7754

Details

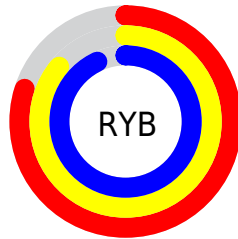
The RGB color `204, 230, 238` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `238, 212, 204`, and the grayscale version is `223, 223, 223`.

A 20% lighter version of the original color is `255, 255, 255`, and `150, 175, 182` is the 20% darker color. If you saturate the color by 10%, you get `180, 224, 238`, and if you desaturate by 10%, it is `228, 236, 238`.

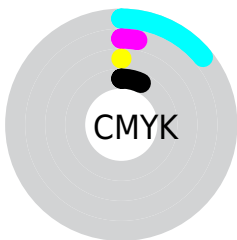
Distribution



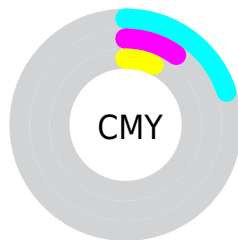
- Red (80%)
- Green (90%)
- Blue (93%)



- Red (80%)
- Yellow (86%)
- Blue (93%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 230, 238 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 204, 230, 238 by changing the saturation by 10% instead.

■ 204, 230, 238

255, 255, 255

■ 204, 230, 238

■ 176, 202, 210

■ 150, 175, 182

■ 123, 148, 155

■ 98, 122, 129

■ 74, 97, 104

■ 51, 74, 80

■ 28, 51, 57

■ 6, 30, 36

■ 0, 1, 15

 204, 230, 238

 204, 230, 238

 180, 224, 238

 228, 236, 238

 156, 219, 238

 252, 241, 238

 133, 213, 238


 255, 247, 238


 109, 208, 238


 255, 252, 238

 85, 202, 238

 255, 255, 238

 61, 196, 238

 37, 191, 238

 14, 185, 238

 0, 182, 238

Harmonies

Analogous

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



203, 231, 230



204, 230, 238



211, 228, 243

Triad

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



204, 230, 238



242, 220, 231



228, 226, 208

Complementary

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



204, 230, 238



238, 212, 204

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.



238, 223, 208



204, 230, 238



246, 219, 221

Square

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



204, 230, 238



233, 222, 239



244, 221, 213



218, 229, 212

Rectangle

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



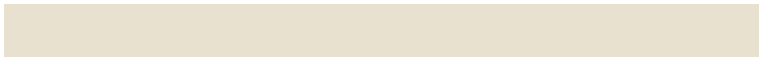
204, 230, 238



218, 226, 244



244, 221, 213



232, 225, 207

Sweetspot

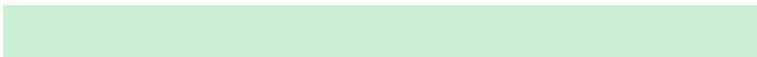
The Sweet Spot groups the original color and five complimentary colors.



204, 230, 238



245, 253, 255



204, 238, 212



121, 126, 128



0, 0, 0



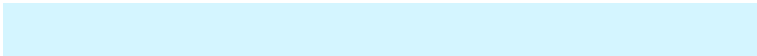
128, 128, 128

Same Dimension

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



204, 230, 238



212, 245, 255



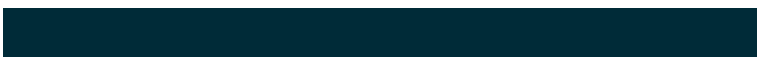
204, 213, 238



108, 117, 120



0, 140, 184



0, 43, 56

Inverse Universe

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



238, 204, 230



255, 212, 245



238, 229, 204



120, 108, 117



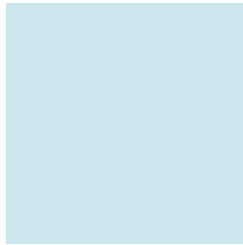
184, 0, 140



56, 0, 43

Previews

White Background



This preview shows how the RGB color 204, 230, 238 looks on a white background.

Color Contrast Check

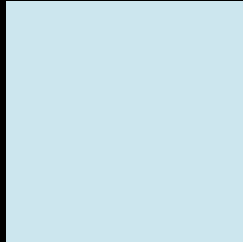
Large Text (above 18pt) WCAG AA × Fail

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 204, 230, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

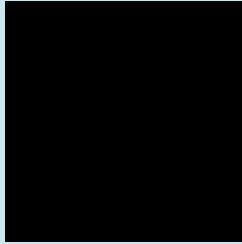
Any Text WCAG AA ✓ Pass

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 204, 230, 238 Background



This preview shows how black text looks on a background with the RGB color 204, 230, 238.



This preview shows how white text looks on a background with the RGB color 204, 230, 238.

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](#).

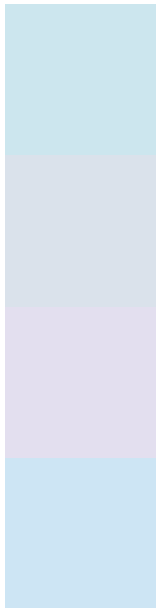
Dichromacy





Tritanopia
206, 229, 247

Trichromacy



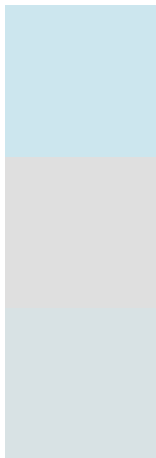
Original Color
204, 230, 238

Protanomaly
218, 226, 235

Deuteranomaly
227, 223, 239

Tritanomaly
205, 229, 244

Monochromacy



Original Color
204, 230, 238

Achromatopsia
223, 223, 223

Achromatomaly
216, 226, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 230, 238 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(204, 230, 238)` looks like.

```
.text, #text, p{  
    color:rgb(204, 230, 238)  
}
```

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(204, 230, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 230, 238) }
```

Border

The CSS property to change the border of an element to RGB 204, 230, 238 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(204, 230, 238) }
```

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

```
.border{ border-color:rgb(204, 230, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 230, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 230, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 230, 238); box-shadow:4px 4px 4px 4px rgb(204, 230, 238) }
```

Background

The CSS property to change the background color of an element to RGB 204, 230, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 230, 238) }
```

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

```
.background{ background-color: rgb(204,  
230, 238) }
```

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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